

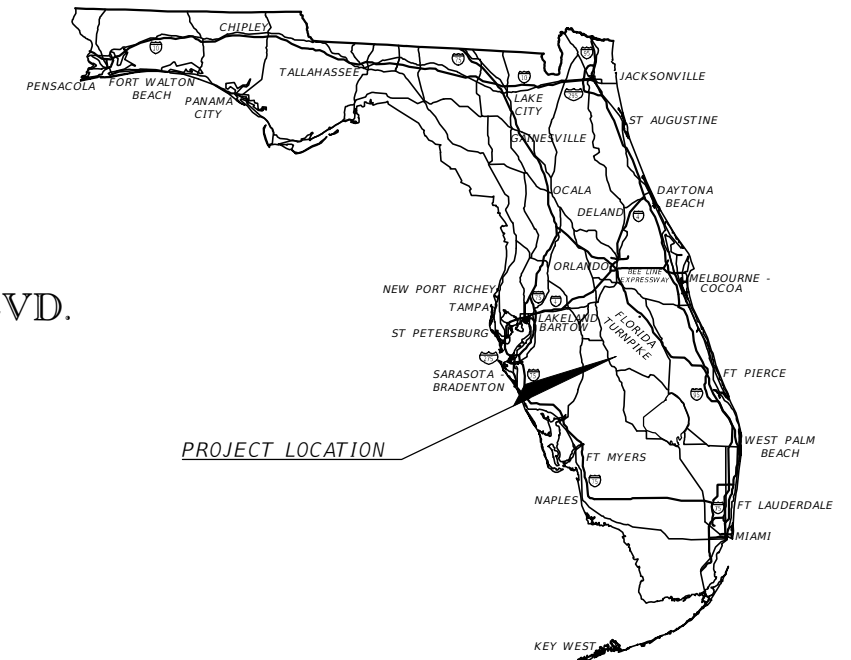
COMPONENTS OF CONTRACT PLANS SET

ROADWAY PLANS
SIGNING AND PAVEMENT MARKING PLANS

HIGHLANDS COUNTY
DEPARTMENT OF TRANSPORTATION

CONTRACT PLANS

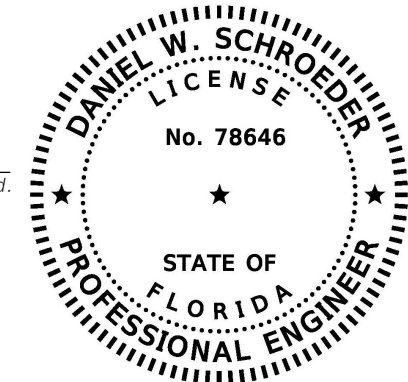
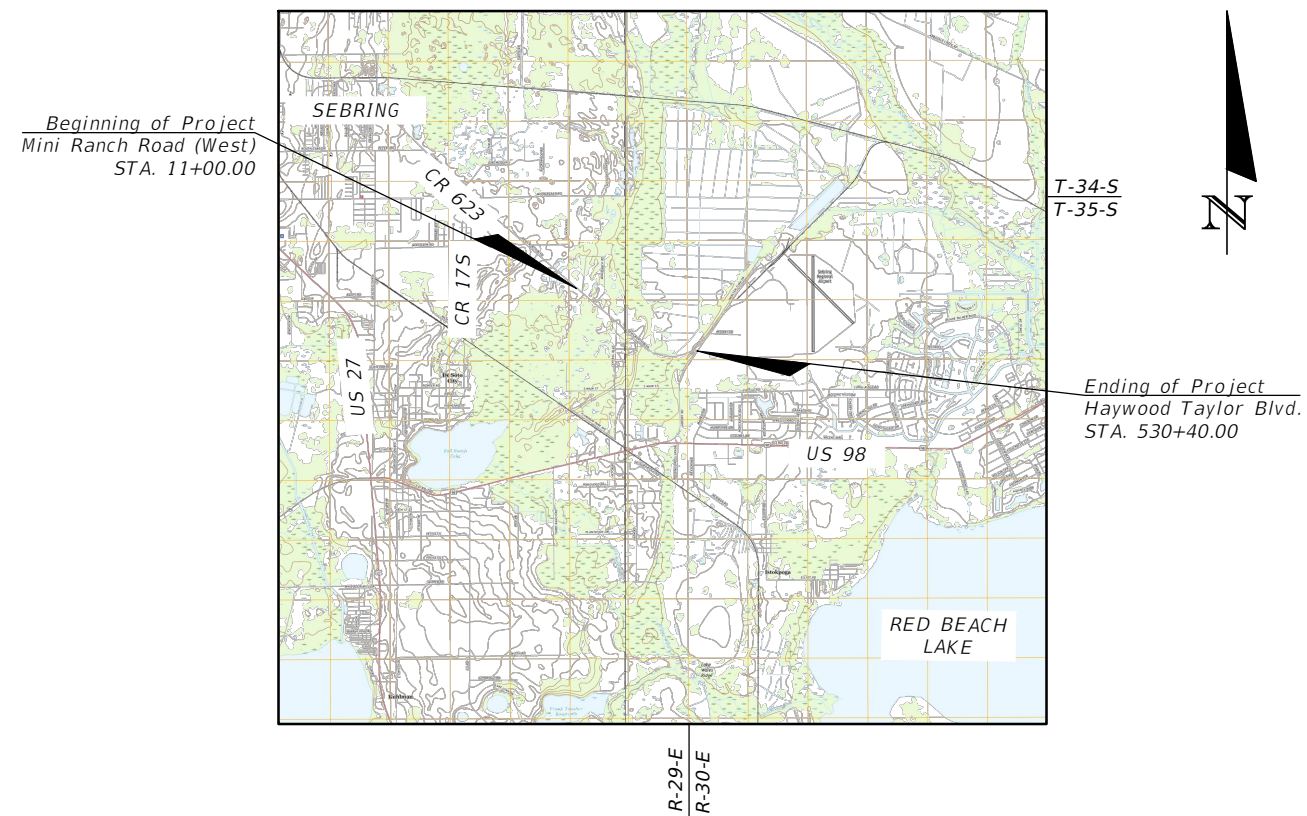
FINANCIAL PROJECT ID. 436643-1-54-01
HIGHLANDS COUNTY PROJECT No. 18009
CR 623 (KENILWORTH BOULEVARD) MILL & RESURFACING
BETWEEN MINI RANCH ROAD WEST & HAYWOOD TAYLOR BLVD.



INDEX OF ROADWAY PLANS

| SHEET NO. | SHEET DESCRIPTION |
|-------------|-----------------------------------|
| 1 | KEY SHEET |
| 2 | PROJECT LAYOUT AND CONTROL POINTS |
| 3 | SUMMARY OF PAY ITEMS |
| 4 | PROJECT NOTES |
| 5 | TYPICAL SECTIONS |
| 6 | TYPICAL SECTION DETAILS |
| 7 | PAVEMENT TRANSITION DETAILS |
| 8-14 | ROADWAY PLANS |
| 15-26 | CROSS SECTIONS |
| SQ-1 - SQ-3 | SUMMARY OF QUANTITIES |

HIGHLANDS COUNTY



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY:

ON THE DATE ADJACENT TO THE SEAL

PRINTED COPIES OF THIS DOCUMENT ARE NOT CONSIDERED SIGNED AND SEALED AND THE SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

AIM ENGINEERING & SURVEYING, INC.
2161 FOWLER ST., STE. 100
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION NO.: 3114
DANIEL W. SCHROEDER, P.E. NO. 78646

HIGHLANDS COUNTY COMMISSIONERS

- KEVIN ROBERTS
DISTRICT 1
- KATHY RAPP - VICE CHAIR
DISTRICT 2
- SCOTT KIROUAC - CHAIR
DISTRICT 3
- ARLENE TUCK
DISTRICT 4
- CHRIS CAMPBELL
DISTRICT 5

COUNTY ADMINISTRATOR
RANDY VOSBURG

COUNTY ENGINEER
CLINTON HOWERTON, JR., P.E.

GOVERNING STANDARD PLANS:
Florida Department of Transportation, FY2019-20
Standard Plans for Road and Bridge Construction
and applicable Interim Revisions (IRs).

Standard Plans for Road Construction and
associated IRs are available at the following
website:
<http://www.fdot.gov/design/standardplans>

GOVERNING STANDARD SPECIFICATIONS:
Florida Department of Transportation, January, 2019
Standard Specifications for Road and Bridge
Construction at the following website:
<http://www.fdot.gov/programmanagement/implemented/specbooks>

| LENGTH OF PROJECT | | |
|-------------------------|-------------|-------|
| | LINEAR FEET | MILES |
| ROADWAY | 7826.73 | 1.482 |
| BRIDGES | 0.00 | 0.000 |
| GROSS LENGTH OF PROJECT | 7826.73 | 1.482 |
| EXCEPTIONS | 0.00 | 0.000 |
| NET LENGTH OF PROJECT | 7826.73 | 1.482 |

PROJECT MANAGER: DANIEL W. SCHROEDER, P.E.

ROADWAY PLANS
ENGINEER OF RECORD:

DANIEL W. SCHROEDER, P.E. 78646
AIM ENGINEERING & SURVEYING, INC.
2161 FOWLER ST
FORT MYERS, FL 33901
CERTIFICATE OF AUTHORIZATION NO.: 3114

COUNTY PROJECT MANAGER

KENYA A. ANDERSON, MSP
HIGHLANDS COUNTY ENGINEERING
505 S. COMMERCE AVENUE
SEBRING, FL 33870
PHONE: (863) 402-6877

| CONSTRUCTION CONTRACT NO. | FISCAL YEAR | SHEET NO. |
|---------------------------|-------------|-----------|
| | 19 | 1 |

BEGIN STATION
STA. 10+00.00
N=1135773.81'
E=531914.58'

MINI RANCH ROAD
(WEST)

ENTERPRISE BLVD

INDUSTRIAL BLVD

MINI RANCH ROAD
(EAST)

BEGIN PROJECT
STA. 11+00.00
N=1135708.20'
E=531990.05'
SAW CUT AND
MATCH EXIST.
GRADES

CURVE DATA C1
PI STA. = 503+60.87
DELTA = 23° 28' 01"
D = 3° 31' 40"
T = 337.32
L = 665.19
R = 1624.09
PC STA. = 500+23.55
PT STA. = 506+88.74

CURVE DATA C2
PI STA. = 509+70.37
DELTA = 6° 40' 08"
D = 1° 26' 04"
T = 232.73
L = 464.94
R = 3994.63
PC STA. = 507+37.64
PT STA. = 512+02.58

CURVE DATA C3
PI STA. = 516+06.91
DELTA = 20° 50' 54"
D = 2° 49' 44"
T = 372.63
L = 737.01
R = 2025.47
PC STA. = 512+34.29
PT STA. = 519+71.30

CURVE DATA C4
PI STA. = 525+44.76
DELTA = 28° 19' 14"
D = 2° 31' 15"
T = 573.44
L = 1123.43
R = 2272.82
PC STA. = 519+71.32
PT STA. = 530+94.75

S 48° 59' 59" E

CR 623 (KENILWORTH BLVD.)

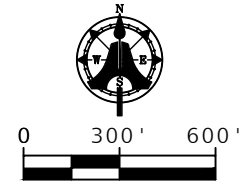
S 47° 49' 34" E

S 71° 17' 35" E

S 77° 57' 43" E

EQ STATION
STA. BACK = 59+10.28
STA. AHEAD = 500+23.55
Northing=1132551.81
Easting=535619.91

| CONTROL POINTS | | | | | | |
|----------------|----------|------------|-----------|-----------|-----------|---------|
| CONTROL POINT | TYPE | NORTHING | EASTING | ELEVATION | STATION | OFFSET |
| A1 | IRC 5/8" | 1135859.03 | 531782.03 | 84.19 | 8+44.32 | 22.16 R |
| A2 | IRC 5/8" | 1135539.21 | 532149.75 | 83.02 | 13+31.07 | 22.77 R |
| A3 | IRC 5/8" | 1135257.64 | 532451.47 | 82.27 | 17+43.35 | 37.32 R |
| A4 | IRC 5/8" | 1134973.42 | 532794.71 | 80.48 | 21+89.53 | 26.64 R |
| A5 | IRC 5/8" | 1134664.88 | 533144.34 | 79.42 | 26+55.24 | 30.12 R |
| A6 | IRC 5/8" | 1134381.47 | 533475.46 | 78.59 | 30+91.06 | 26.77 R |
| A7 | IRC 5/8" | 1134086.21 | 533821.59 | 77.59 | 35+46.42 | 22.52 R |
| A8 | IRC 5/8" | 1133813.68 | 534134.52 | 78.03 | 39+60.88 | 22.90 R |
| A9 | IRC 5/8" | 1133526.98 | 534466.64 | 79.95 | 44+01.00 | 21.38 R |
| A10 | IRC 5/8" | 1133237.93 | 534799.06 | 80.50 | 48+40.53 | 21.44 R |
| A11 | IRC 5/8" | 1132880.95 | 535206.83 | 73.16 | 53+82.10 | 23.33 R |
| A12 | IRC 5/8" | 1132569.87 | 535558.31 | 67.17 | 5+85.11 | 27.52 R |
| A13 | IRC 5/8" | 1132300.80 | 535928.49 | 63.34 | 504+17.53 | 27.34 R |
| A14 | IRC 5/8" | 1132146.80 | 536321.98 | 59.69 | 508+36.11 | 25.36 R |
| A15 | IRC 5/8" | 1132040.80 | 536724.24 | 60.22 | 512+49.38 | 28.28 R |
| A16 | IRC 5/8" | 1132006.62 | 537183.35 | 60.30 | 517+05.00 | 21.03 R |
| A17 | IRC 5/8" | 1132059.36 | 537622.08 | 59.26 | 521+42.83 | 25.10 R |
| A18 | IRC 5/8" | 1132196.21 | 538040.11 | 59.99 | 525+78.46 | 29.03 R |
| A19 | IRC 5/8" | 1132432.21 | 538429.12 | 59.92 | 530+28.27 | 17.56 R |
| A20 | IRC 5/8" | 1132731.95 | 538763.58 | 59.77 | 534+76.43 | 20.56 L |
| A30 | IRC 5/8" | 1133559.86 | 534495.35 | 79.40 | 44+01.00 | 22.27 L |



PT STA. 519+71.30
N=81°11'23"E
PC STA. 519+71.32

N 52° 52' 09" E

END STATION
STA. 531+25.00
N=1132503.27'
E=538495.44'

END PROJECT
STA. 530+40.00
N=1132455.81'
E=538424.88'
SAW CUT AND
MATCH EXIST. GRADES

CURVE C1

CURVE C2

CURVE C3

CURVE C4

HAYWOOD TAYLOR BLVD

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
P.E. LICENSE NUMBER 78646
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

PROJECT LAYOUT AND
CONTROL POINTS

SHEET NO.
2

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.

SUMMARY OF PAY ITEMS

| Pay Item No. | PAY ITEM DESCRIPTION | Unit | Quantity |
|--------------|--|------|----------|
| 101-1 | MOBILIZATION, SURVEY AND PRE-CONSTRUCTION VIDEO | LS | 1 |
| 102-1 | MAINTENANCE OF TRAFFIC | LS | 1 |
| 104-10-3 | SEDIMENT BARRIER (SILT FENCE) | LF | 4,807 |
| 104-11 | FLOATING TURBIDITY BARRIER | LF | 100 |
| 110-1-1 | CLEARING AND GRUBBING (ABOUT 2 AC) | LS | 2 |
| 120-1 | REGULAR EXCAVATION | CY | 2,724 |
| 120-6 | EMBANKMENT | CY | 3,325 |
| 160-4 | TYPE B STABILIZATION 12" | SY | 4,667 |
| 285-706 | OPTIONAL BASE, 8" LIMEROCK | SY | 380 |
| 285-709 | FULL PAVEMENT RESTORATION (FULL DEPTH BADE REPAIR, OPTIONAL BASE TYPE B 12.5, 6") | SY | 875 |
| 327-70-16 | MILLING EXIST. ASPH. PAVT., 1/2" (TURNOUTS) | SY | 1,285 |
| 327-70-5 | MILLING EXIST. ASPH. PAVT., 2" | SY | 12,170 |
| 334-1-13-1 | SUPERPAVE AC TRAFFIC C SP 9.5, (LEVELING AND/OR REPAIR) | TN | 113 |
| 334-1-13-1 | SUPERPAVE AC TRAFFIC C SP 9.5, 1.5" - SURFACE (TURNOUTS) | TN | 138 |
| 334-1-13-1 | SUPERPAVE AC TRAFFIC C SP 9.5, 1" - SURFACE | TN | 1,130 |
| 334-1-13-3 | SUPERPAVE AC TRAFFIC C SP 12.5, 2" - STRUCTURAL | TN | 2,259 |
| 334-1-13-4 | SUPERPAVE AC TRAFFIC C SP 12.5 - OVERBUILD | TN | 823 |
| 430-94-1 | DESILTING PIPE 0-24" | LF | 563 |
| 430-94-2 | DESILTING PIPE 25-36" | LF | 75 |
| 430-174-215 | PIPE CULVERT OPTIONAL MATERIAL, OTHER, 15", SD | LF | 72 |
| 430-175-130 | PIPE CULVERT OPTIONAL MATERIAL, OTHER, 30", CD | LF | 8 |
| 430-982-133 | MITERED END SECTION, 30", 1:2 SLOPE (INCLUDES 8 LF OF PIPE) | EA | 1 |
| 522-2-129 | CONCRETE DRIVEWAYS, 6" | SY | 333 |
| 530-3 | RIPRAP (RUBBLE) | TN | 10 |
| 570-1-2 | PERFORMANCE TURF, SOD | SY | 24,744 |
| 700-1-11 | SINGLE POST SIGN, F & I GROUND MOUNT, UP TO 12 SF | AS | 2 |
| 700-1-11-1 | SINGLE POST SIGN, F & I GROUND MOUNT, UP TO 12 SF (45 MPH SIGN MOUNTED ON EXISTING POLE) | AS | 2 |
| 706-3 | RETRO REFLECTIVE PAVEMENT MARKERS | EA | 400 |
| 710-11-101 | PAINT PAVE. MARKING, STD. WHITE, SOLID 6" | GM | 2.850 |
| 710-11-170 | PAINT PAVEMENT MARKING, STD. WHITE, ARROWS | EA | 2 |
| 710-11-224 | PAINT PAVE. MARKING, STD. YELLOW, SOLID/DIAG./CHEVRON, 18" | LF | 29 |
| 710-11-125 | PAINT PAVE. MARKING, STD. WHITE, SOLID 24" | LF | 160 |
| 710-11-201 | PAINT PAVE. MARKING, STD. YELLOW, SOLID 6" | GM | 2 |
| 710-11-231 | PAINT PAVE. MARKING, STD. YELLOW, SKIP 6" (10/30) | GM | 0.714 |
| 711-11-224 | THERMO, STD. YELLOW, SOLID, 18" FOR DIAG./ CHEVRON | LF | 29 |
| 711-11-125 | THERMO, STD. WHITE, SOLID, 24" FOR STOP LINE | LF | 160 |
| 711-11-170 | THERMO, STD. WHITE, ARROWS | EA | 2 |
| 711-16-101 | THERMO, STD., OTHER SURFACES, WHITE, SOLID 6" | GM | 2.850 |
| 711-16-201 | THERMO, STD., OTHER SURFACES, YELLOW, SOLID 6" | GM | 2 |
| 711-16-231 | THERMO, STD., OTHER SURFACES, YELLOW, SKIP, 6" (10/30) | GM | 0.714 |
| 915-332-2 | FULL DEPTH RECLAMATION (9") | SY | 8,361 |
| R-1 | GEOTEXTILE PAVEMENT FABRIC (PETROMAT OR APPROVED EQUAL) | SY | 6,800 |

| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | SUMMARY OF PAY ITEMS | SHEET NO. |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|----------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

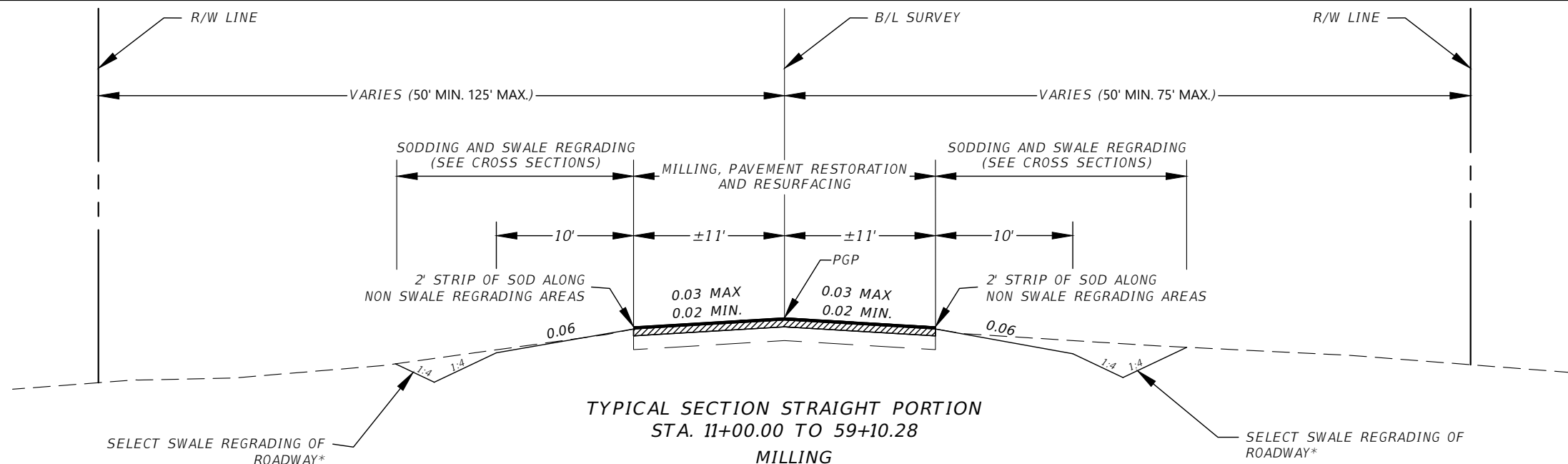
GENERAL NOTES
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1. BENCHMARK ELEVATIONS SHOWN ON THE PLANS ARE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88). ANY MONUMENTS WITHIN THE LIMITS OF CONSTRUCTION ARE TO BE PROTECTED.
2. THE ROAD CONTRACTOR IS RESPONSIBLE FOR OBTAINING THE APPROPRIATE ROADWAY AND TRAFFIC DESIGN STANDARDS LISTED ON THE KEY SHEET.
3. COPIES OF THESE PLANS AS DESIGNED BY THE PROFESSIONAL ENGINEER HAVE BEEN RETAINED BY THE PROFESSIONAL ENGINEER. SAID ENGINEER WILL NOT BE RESPONSIBLE FOR ANY SUBSEQUENT CHANGES TO THE REPRODUCIBLE ORIGINAL DOCUMENTS.
4. ROADWAY IS AS SHOWN ON THE PLAN AND CROSS SECTIONS. THE STATIONS AND OFFSETS ARE FROM THE SURVEY BASELINE UNLESS OTHERWISE NOTED ON THE PLANS.
5. THE CONTRACTOR SHALL NOT USE A VIBRATORY ROLLER, AT THE DISCRETION OF THE ENGINEER, NEAR ALL CROSS DRAINS DURING RESURFACING ACTIVITIES.
6. EXISTING DRIVEWAYS WITHIN THE LIMITS OF THIS PROJECT ARE TO REMAIN AT THE SAME LOCATION AND WIDTH UNLESS OTHERWISE SHOWN IN THE PLANS OR DIRECTED BY THE ENGINEER.
7. A STORM WATER POLLUTION PREVENTION PLAN SHALL BE PREPARED BY THE CONTRACTOR, IN ACCORDANCE WITH SECTION 104. THE NOTICE OF INTENT SHALL BE PREPARED FOR THE N.P.D.E.S. STORM WATER PERMIT AND SUBMITTED TO OBTAIN PERMIT COVERAGE. FULL COMPENSATION FOR ALL ITEMS AND WORK SHALL BE INCLUDED IN THE COST OF MAINTENANCE OF TRAFFIC.
8. APPROPRIATE TURBIDITY AND EROSION CONTROL FEATURES SHALL BE PLACED AT ALL MODIFIED CROSS DRAINS PER FDOT STANDARDS PRIOR TO CONSTRUCTION.
9. IN THE EVENT OF EXCAVATION OF UNSUITABLE MATERIAL IS REQUIRED IT MAY BE USED TO FLATTEN SLOPES IN AREAS IN ACCORDANCE WITH FDOT INDEX NO. 120-002.
10. THE CONTRACTOR SHALL PROVIDE BORROW MATERIAL FROM BORROW PITS APPROVED BY THE ENGINEER AND INCORPORATE IT INTO THE WORK IN ACCORDANCE WITH THE PLANS AND SPECIFICATIONS.
11. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PREPARATION OF A SIGNED AND SEALED TRAFFIC CONTROL PLAN (TTC) BY PROFESSIONAL ENGINEER REGISTERED IN THE STATE OF FLORIDA.
12. DURING CONSTRUCTION THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE STAKEOUT OF THE PROJECT, I.E., LINE GRADE, STATION BOARDS, SLOPE STAKE, UTILITY RELOCATIONS OR ANY OTHER STAKEOUT THAT MAY BE REQUIRED TO COMPLETE THE PROJECT IN ACCORDANCE WITH PLANS AND SPECIFICATIONS.
13. OVERALL CLEAN UP SHALL BE ACCOMPLISHED BY THE CONTRACTOR IN ACCORDANCE WITH COUNTY STANDARDS OR AS DIRECTED BY THE ENGINEER. ANY AND ALL EXPENSE INCURRED FOR THIS WORK SHALL BE INCLUDED IN THE BID PRICE FOR THE RELATED ITEM.
14. THE CONTRACTOR SHALL ENDEAVOR TO PROTECT PRIVATE PROPERTY, ANY DAMAGE CAUSED BY THE CONTRACTOR IN THE PERFORMANCE OF HIS WORK SHALL BE CORRECTED TO THE SATISFACTION OF THE ENGINEER AND PROPERTY OWNER, AT THE CONTRACTOR'S EXPENSE.
15. ANY DAMAGE TO STATE, COUNTY OR LOCAL ROADS CAUSED BY THE CONTRACTOR'S HAULING OR EXCAVATION EQUIPMENT SHALL BE REPAIRED BY THE CONTRACTOR TO THE SATISFACTION OF THE ENGINEER.
16. ANY SURVEY MARKER, INCLUDING BUT NOT LIMITED TO SECTION MARKERS, BENCHMARKS, LOT CORNER, ETC., WHICH ARE DISTURBED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE PRIOR TO FINAL PAYMENT. RESETTING OF MONUMENTS AND MARKERS SHALL BE PERFORMED BY A PROFESSIONAL LAND SURVEYOR, LICENSED TO PRACTICE IN THE STATE OF FLORIDA AND SHOWN ON THE AS-BUILT PLANS AS RESET. CONTRACTOR SHALL PROVIDE AS-BUILT DRAWINGS TO THE ENGINEER UPON COMPLETION.
17. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DISPOSAL OF EXCAVATED MATERIAL, DEBRIS, VEGETATION AND CONCRETE AT A LEGAL DISPOSAL SITE OR BY OTHER MANNER APPROVED BY THE ENGINEER. DO NOT DEPOSIT MATERIALS CLEARED FROM SITE ONTO ADJACENT PROPERTY WITHOUT WRITTEN APPROVAL FROM THE ENGINEER AND LANDOWNER. CONTRACTOR IS RESPONSIBLE FOR MATERIALS REMOVED FROM SITE.
18. THE CONTRACTOR SHALL FURNISH THE ENGINEER, PRIOR TO INCORPORATION INTO THE PROJECT, A CERTIFICATE FROM THE FLORIDA DEPARTMENT OF AGRICULTURE AND CONSUMER SERVICES DIVISION OF PLANT INDUSTRY, STATING THAT THE SOD, HAY AND MULCH MATERIALS ARE FREE OF NOXIOUS WEED, INCLUDING TROPICAL SODA APPLE.
19. ANY DAMAGE BY THE CONTRACTOR TO ANY DRIVE OR TURNOUT DURING THE CONSTRUCTION OF THE PROJECT SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
20. THE CONTRACTOR SHALL NOTIFY ALL REQUIRED UTILITIES AND GOVERNMENT AGENCIES AT LEAST 48 HOURS PRIOR TO COMMENCEMENT OF CONSTRUCTION (48 HOURS BEFORE DIGGING CALL TOLL FREE 1-800-432-4770 SUNSHINE ONE.
21. CONSTRUCTION DEWATERING IS NOT ANTICIPATED FOR THE PROJECT AND HAS NOT BEEN AUTHORIZED. IF DEWATERING IS NECESSARY, THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING A WATER USE PERMIT FROM THE WATER MANAGEMENT DISTRICT.
22. PRIOR TO COMMENCEMENT, THE CONTRACTOR SHALL OBTAIN A COPY OF AND FOLLOW FLORIDA DEPARTMENT OF HISTORICAL RESOURCES (FDHR) DIRECTIVE FOR CONSTRUCTION WORK AND REPORTING OF HISTORICAL OR ARCHAEOLOGICAL ARTIFACTS DISCOVERED DURING GROUND DISTURBING ACTIVITIES FOR THE PROPOSED RESURFACING, INCLUDING REMOVAL OF THE PREVIOUS ROAD SURFACE, INSTALLATION OF SIGNAGE, AND TEMPORARY ACCESS AND STAGING AREAS.
23. CONTRACTOR SHALL PROVIDE A SUPERINTENDENT ON SITE AT ALL TIMES DURING CONSTRUCTION.
24. TEMPORARY DETOURS OF TRAFFIC SHALL BE PERMITTED ONLY UPON PRIOR WRITTEN APPROVAL BY THE OWNER. TEMPORARY SIGNS ARE PERMITTED AS LONG AS THEY ARE IN ACCORDANCE WITH THE MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (MUTCD). ONE LANE OF TRAFFIC MUST REMAIN OPEN AT ALL TIMES. IF A ROAD LANE CLOSURE IS ANTICIPATED TO BE IN EXCESS OF TWELVE (12) HOURS, POST MOUNTED SIGNAGE IS REQUIRED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE EMS, FIRE & SHERIFF'S, SCHOOL BOARD OFFICES PRIOR AND DURING ROAD CLOSURE.
25. THE PROPOSED RESTORATION/RESURFACING WIDTH SHALL BE 22-FOOT ROADWAY WIDTH.
26. ALL MILLINGS ARE TO BE RETAINED BY HIGHLANDS COUNTY. THE CONTRACTOR IS RESPONSIBLE FOR HAULING PAVEMENT MILLINGS TO THE ASPHALT PLANT LOCATED AT 12700 ARBUCKLE CREEK ROAD.
27. THE LOCATION(S) OF THE UTILITIES SHOWN IN THE PLANS (INCLUDING THOSE DESIGNATED VV, VH, AND VVH) ARE BASED ON LIMITED INVESTIGATION TECHNIQUES AND SHOULD BE CONSIDERED APPROXIMATE ONLY. THE VERIFIED LOCATIONS/ELEVATIONS APPLY ONLY AT THE POINTS SHOWN. INTERPOLATIONS BETWEEN THESE POINTS HAVE NOT BEEN VERIFIED.

| | |
|--------------------------------|---------------------------|
| UTILITY/AGENCY OWNERS: | COMPANY TELEPHONE NUMBERS |
| POWER & GAS COMPANIES | |
| DUKE ENERGY | 800-700-8744 |
| SEBRING GAS SYSTEM | 863-385-0194 |
| TELEPHONE & INTERNET COMPANIES | |
| CENTURY LINK | 800-201-4099 |
| COMCAST BUSINESS | 941-809-6655 |
| AT&T | 863-382-3439 |
| STRATONET | 863-382-8503 |
| EXEDE INTERNET | 844-909-9989 |
| SPRINT | 863-385-9353 |
| VERIZON | 863-382-4126 |
| WATER & SEWER COMPANIES | |
| CITY OF AVON PARK UTILITIES | 863-452-4433 |
| TOWN OF LAKE PLACID | 863-699-3747 |
| CITY OF SEBRING UTILITIES | 863-471-5112 |

| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | PROJECT NOTES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|------------------|--------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | 4 |

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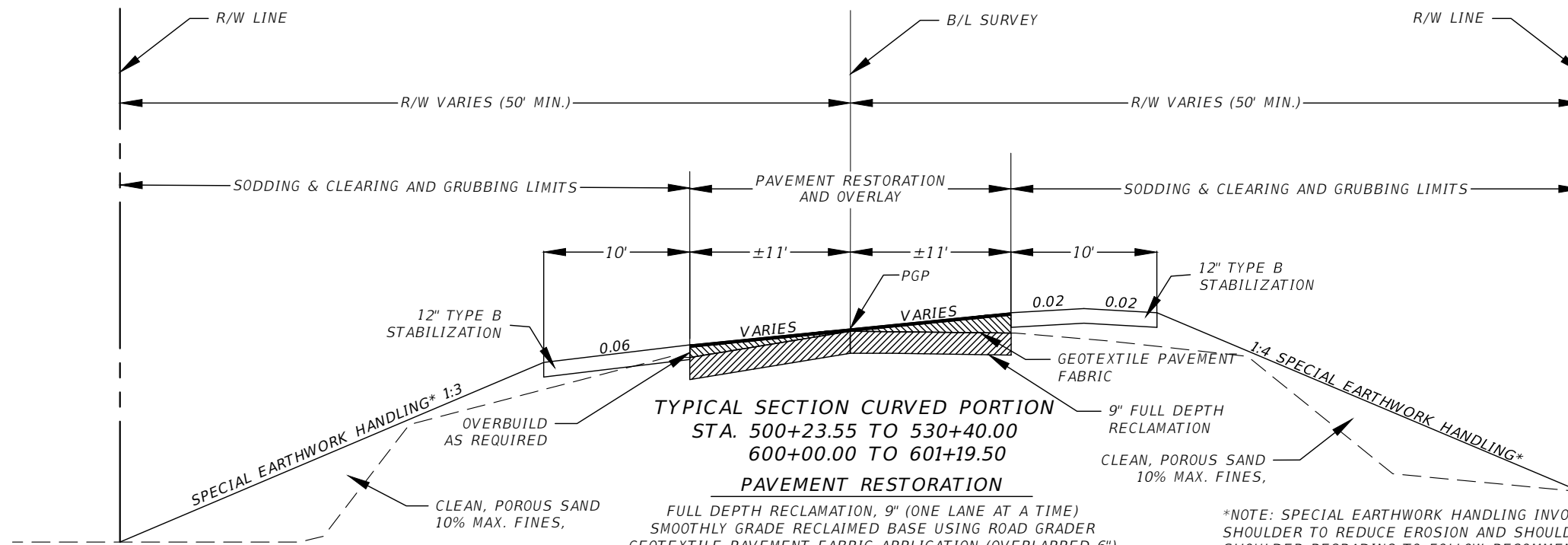
**TYPICAL SECTION STRAIGHT PORTION
STA. 11+00.00 TO 59+10.28**

MILLING
MILL EXISTING ASPHALT PAVEMENT FOR DEPTH (2")

PAVEMENT RESTORATION
SELECT MILLING, LEVELING AND/OR SURFACE REPAIR.
DAMAGED PAVEMENT CUT-OUTS AND FULL DEPTH AC PAVEMENT REPLACEMENT IN SELECT AREAS USING 6" OPTIONAL BASE GROUP B12.5.

RESURFACING
TYPE SP12.5 STRUCTURAL COURSE (2")
TYPE SP9.5 SURFACE COURSE (1")

*NOTE: SELECT SWALE REGRADING OF ROADWAY ENTAILS THE REGRADING OF ROADSIDE SWALE DRAINAGE AT SELECT AREAS. SEE CROSS SECTIONS FOR EXTENT OF SWALE REGRADING ACTIVITIES.



**TYPICAL SECTION CURVED PORTION
STA. 500+23.55 TO 530+40.00
600+00.00 TO 601+19.50**

PAVEMENT RESTORATION
FULL DEPTH RECLAMATION, 9" (ONE LANE AT A TIME)
SMOOTHLY GRADE RECLAIMED BASE USING ROAD GRADER
GEOTEXTILE PAVEMENT FABRIC APPLICATION (OVERLAPPED 6")
FROM STA 500+23.55 TO 528+00
TYPE SP12.5 (OVERBUILD)

PAVEMENT OVERLAY
TYPE SP12.5 STRUCTURAL COURSE (2")
TYPE SP9.5 SURFACE COURSE (1")

*NOTE: SPECIAL EARTHWORK HANDLING INVOLVES REGRADING OF THE ROAD SHOULDER TO REDUCE EROSION AND SHOULDER EMBANKMENT SLUFFING. SHOULDER REGRADING TO FOLLOW RECOMMENDATIONS OF THE GEOTECHNICAL REPORT THROUGH REMOVAL OF EXISTING VEGETATION, SCARIFICATION OF EXISTING SLOPE FOR REMOVAL OF ROOTS AND DEBRIS, FILL/REGRADE SLOPES TO BE NO GREATER THAN 1:3 (SEE CROSS SECTIONS) TO ROW WITH NO GREATER THAN 12-INCH HORIZONTAL BENCH LIFTS AND COMPACTION UTILIZING HEAVY EQUIPMENT, AND FINAL SODDING. SEE TYPICAL SECTIONS FOR EXTENT OF SHOULDER REGRADING ACTIVITIES.

*NOTE: AN EXISTING HIGHWAY CONDITION HAS CAUSED A CONSTRAINT IN REGARD TO THE SUPER ELEVATED CURVE. THIS COMPOUND CURVE HAS FOUR DIFFERENT RADII RESULTING IN USING A TYPICAL 5.6% CROSS-SLOPE AND 45 MPH CURVE WARNING SPEED WITH TRANSITIONS AS AN IMPROVEMENT CONDITION.

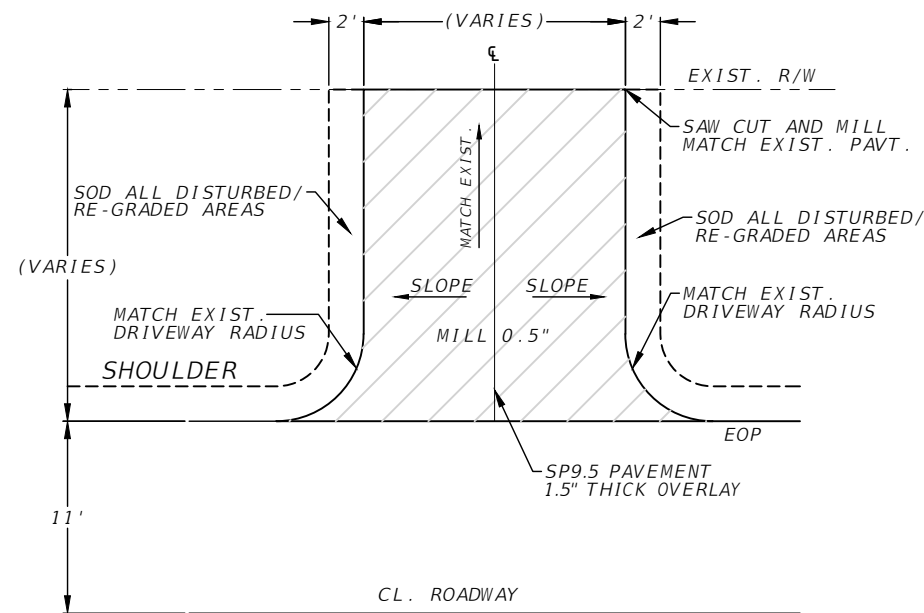
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
P.E. LICENSE NUMBER 78646
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

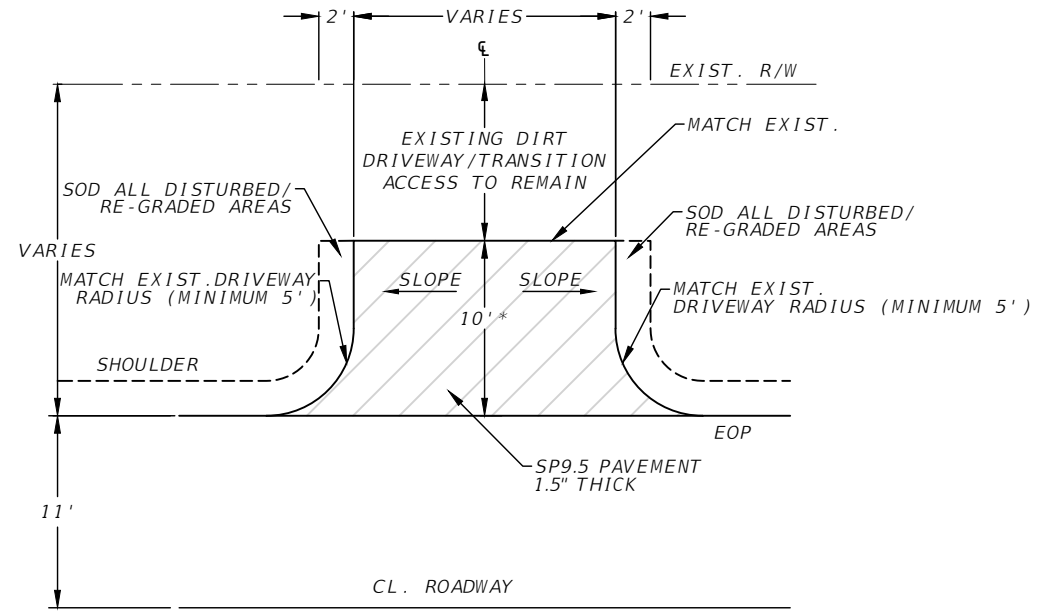
**TYPICAL
SECTIONS**

SHEET NO.
5



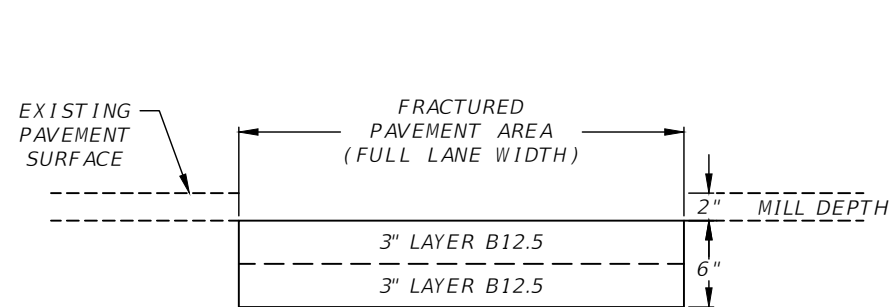
NOTE: EXIST. DRIVEWAY CULVERT DRAINS, IF ANY, ARE TO REMAIN

**TYPICAL DRIVE TURNOUT PLAN
FOR EXISTING ASPHALT DRIVEWAYS**
NTS



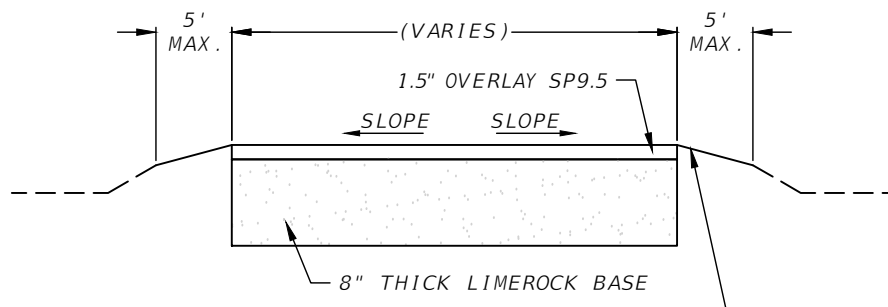
*NOTE: EXIST. DRIVEWAY CULVERT DRAINS, IF ANY, ARE TO REMAIN.
CENTRAL BLVD TO BE PAVED TO R/W.

**TYPICAL DRIVE TURNOUT PLAN
FOR EXISTING SHELL/DIRT DRIVEWAYS**
NTS

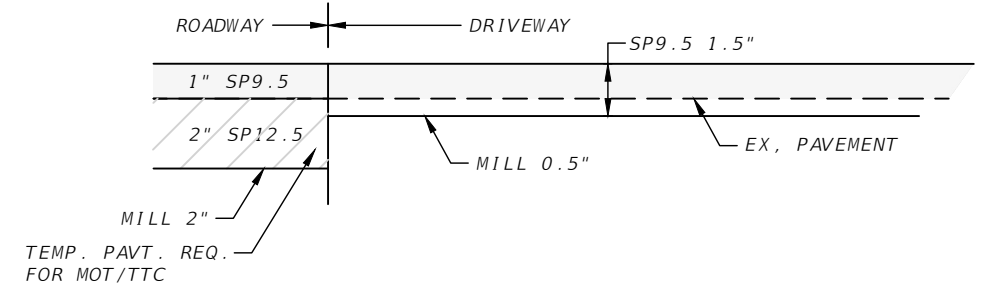


NOTE: COMPACT LAYERS AND ALLOW COOLING TIME BETWEEN LAYERS

**FULL PAVEMENT RESTORATION
DETAIL**
NTS

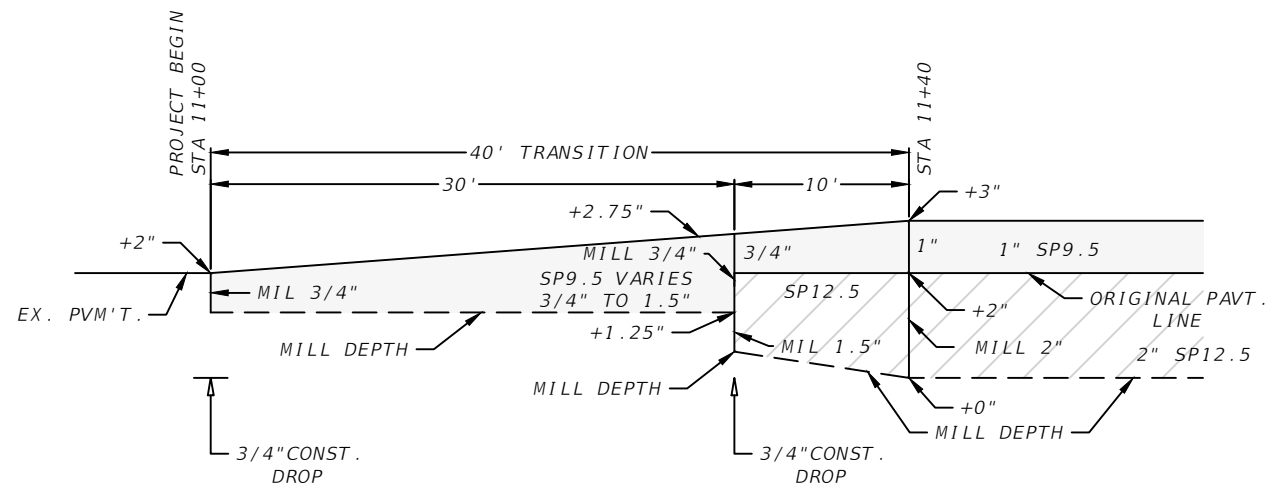


**TYPICAL DRIVE TURNOUT CROSS SECTION
FOR EXISTING DIRT & SHELL DRIVEWAYS**
NTS

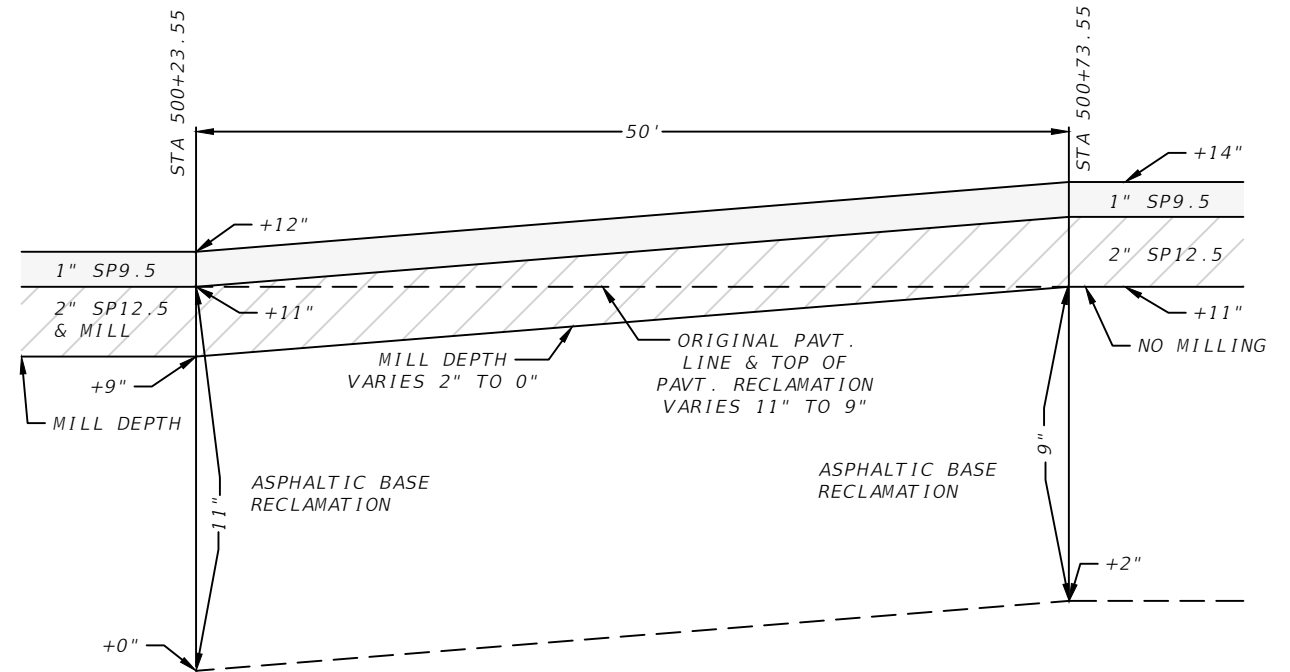


DRIVEWAY CONNECTION
NTS

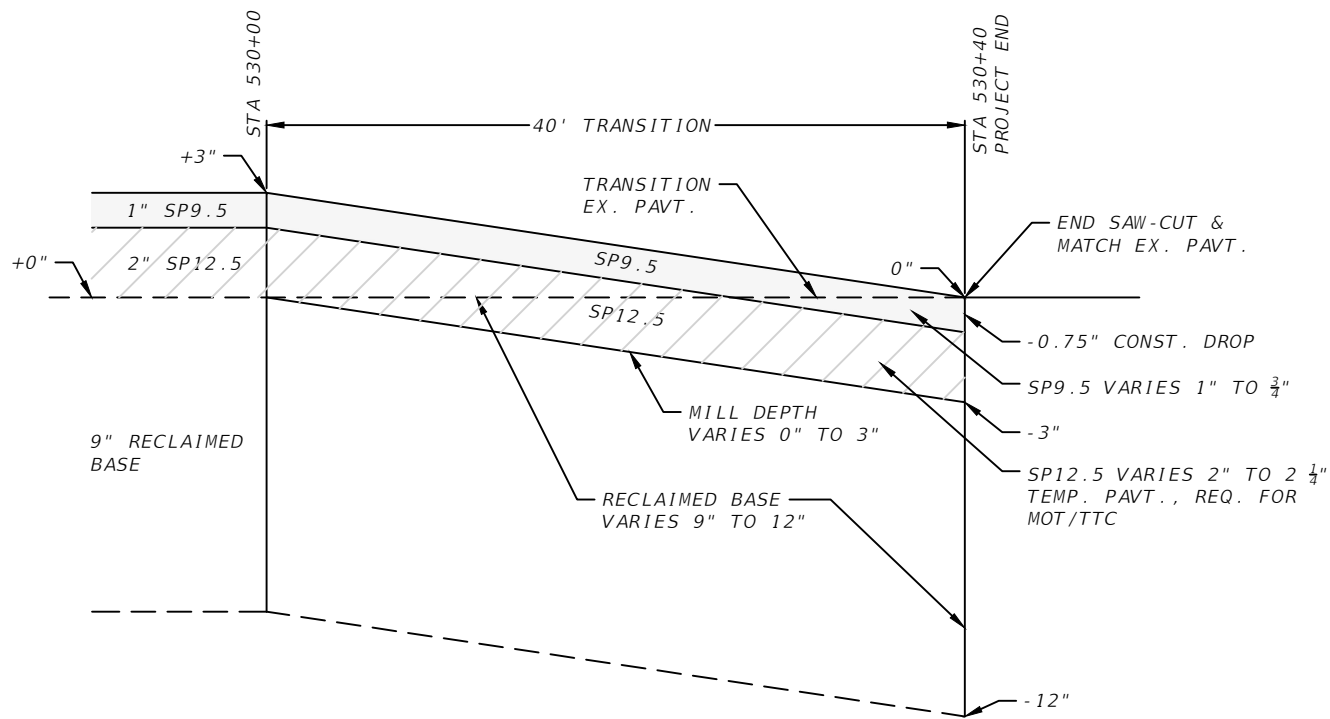
| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | TYPICAL SECTION DETAILS | SHEET NO. |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|------------------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | 6 |
| | | | | | 19-1014 | HIGHLANDS | | | |



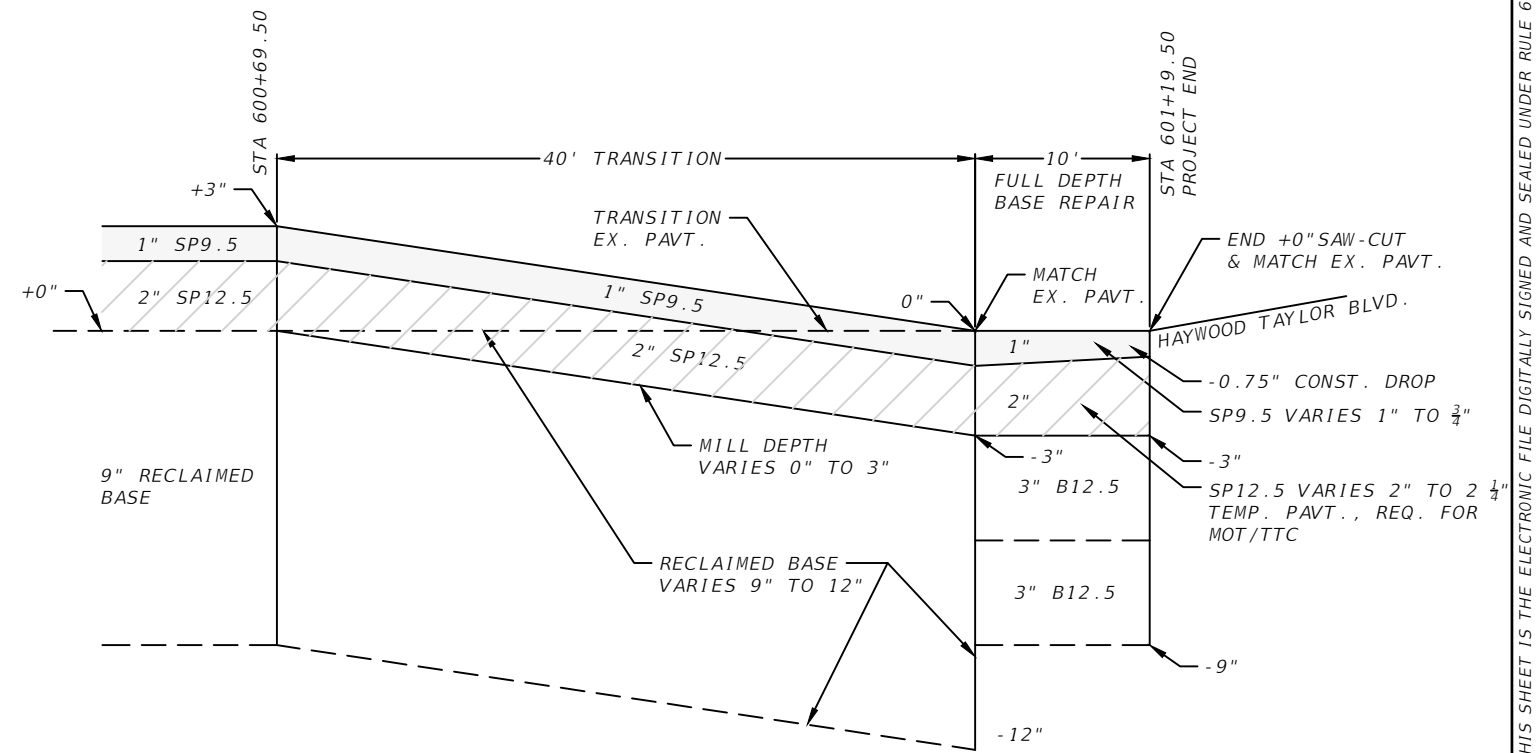
PROJECT BEGINNING
TRANSITION FROM EX. PAVT. TO NEW PAVT.
STA 11+00 TO STA 11+40
(BEGIN)
NTS



TRANSITION FROM MILLED SEGMENT
TO RECLAMATION SEGMENT
STA 500+23.55 TO STA 500+73.55
NTS



PROJECT END
TRANSITION FROM EX. PAVT. TO RECLAIMED SEGMENT
STA 530+00 TO STA 530+40
(END)
NTS



PROJECT END (AT HAYWOOD BLVD.)
TRANSITION FROM RECLAIMED SEGMENT TO EX. PAVT.
STA 600+69.5 TO STA 601+19.5
(END)
NTS

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

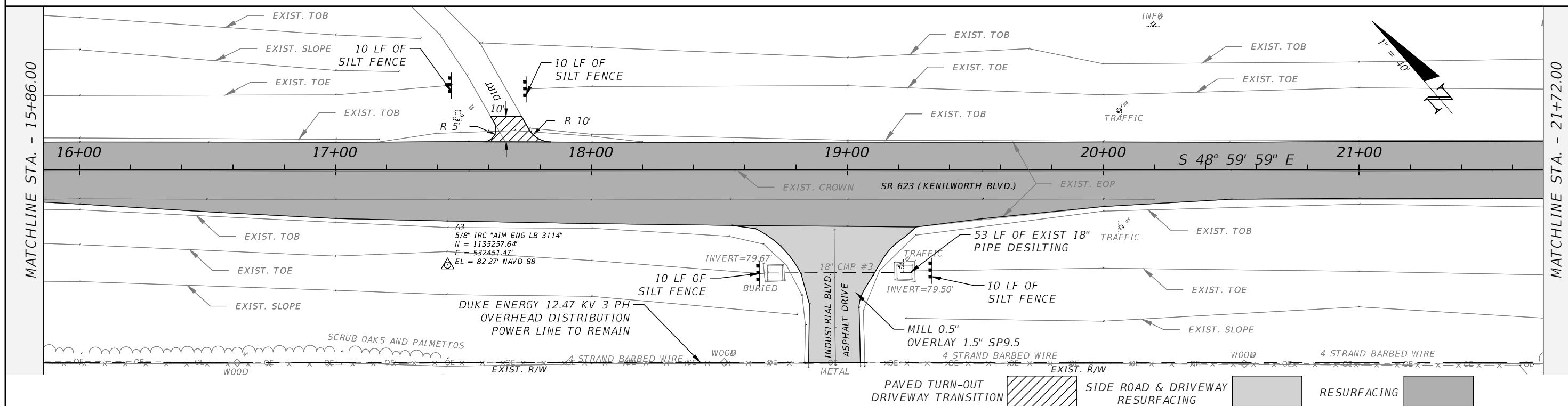
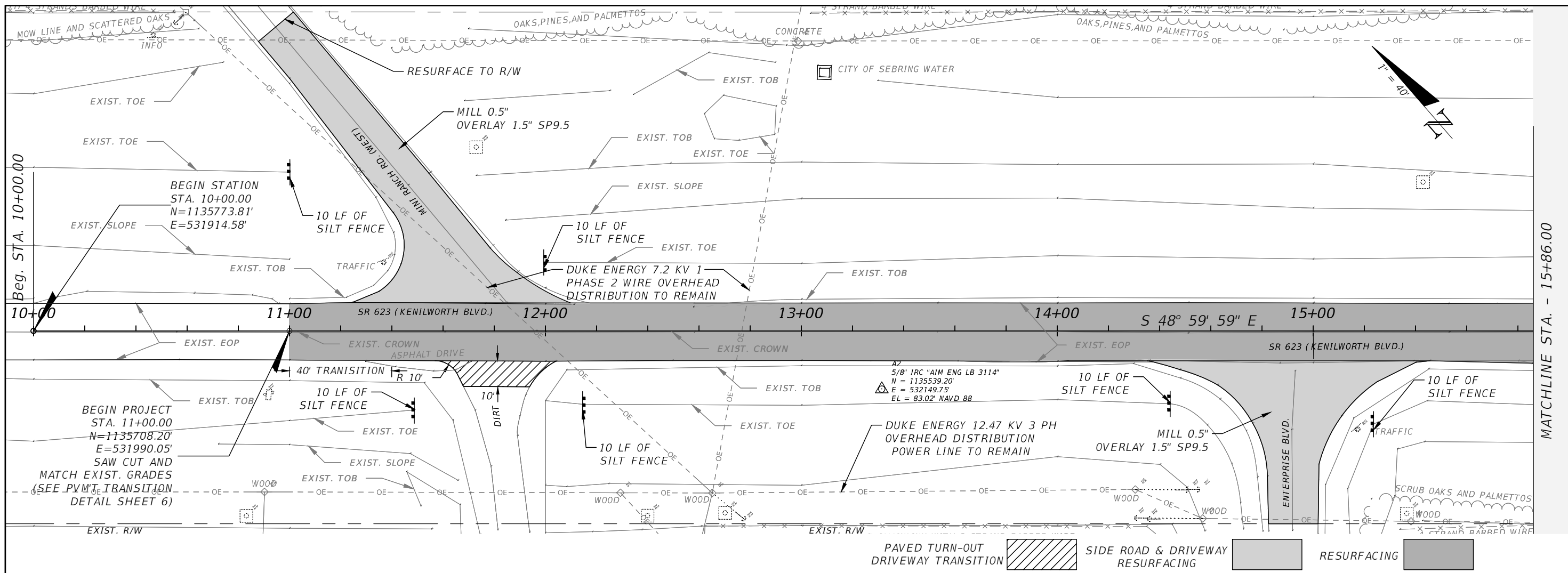
AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
P.E. LICENSE NUMBER 78646
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

| | | |
|--------------------------|-----------|----------------------|
| CR 623 (KENILWORTH BLVD) | | |
| MILL & RESURFACING | | |
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**PAVEMENT TRANSITION
DETAILS**

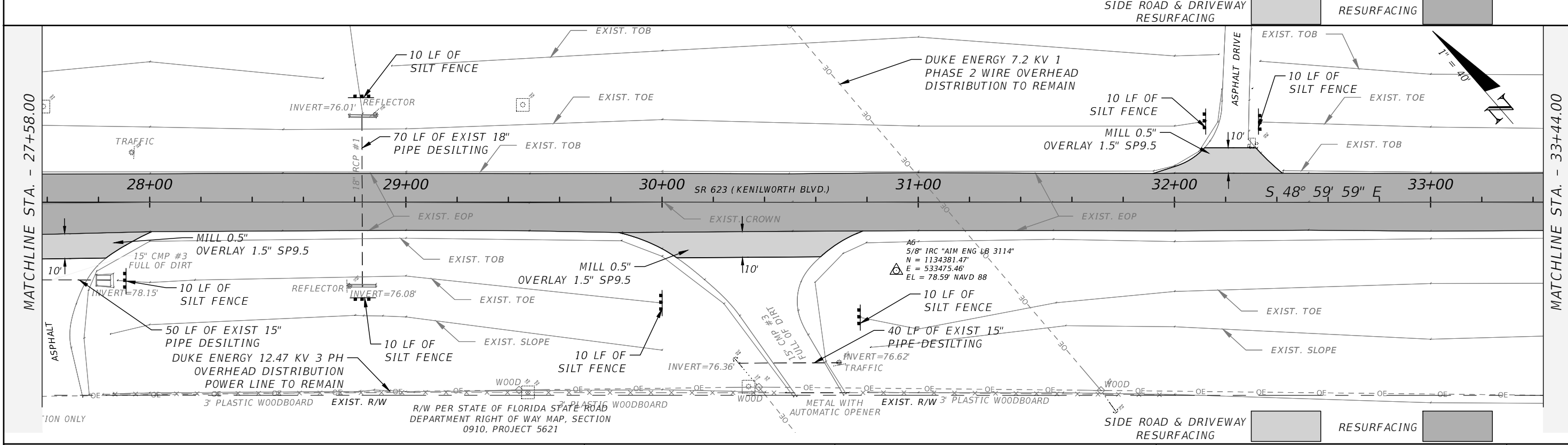
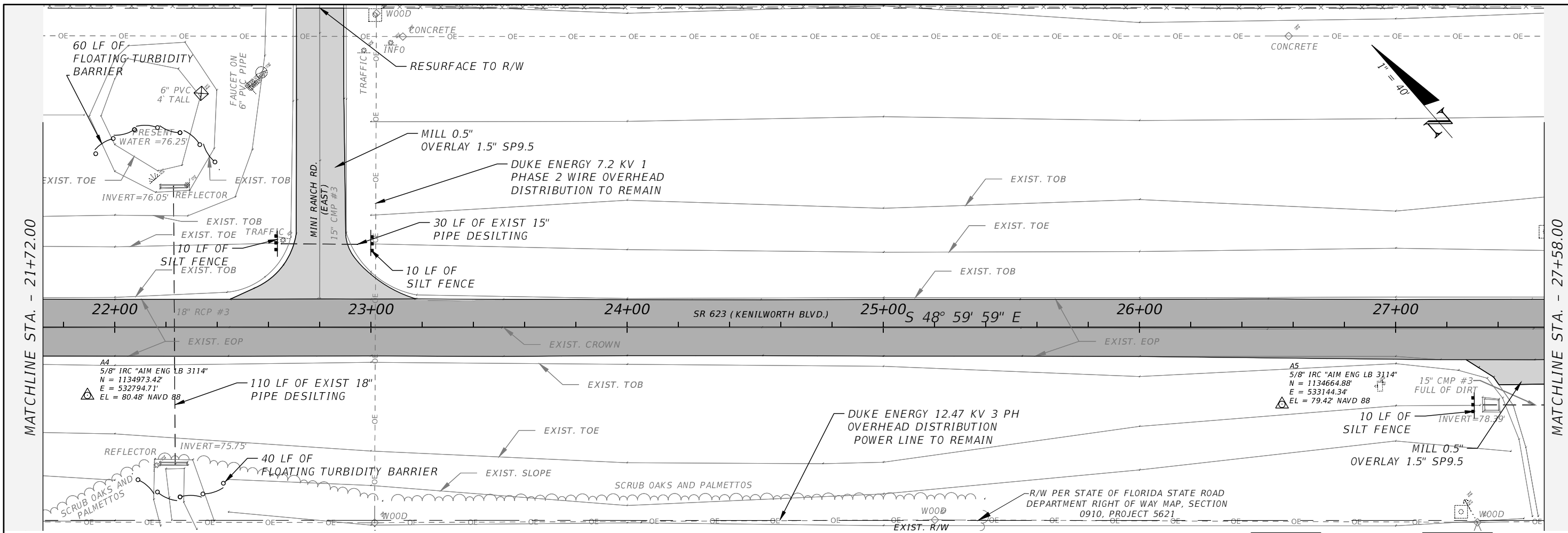
SHEET NO.
7

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



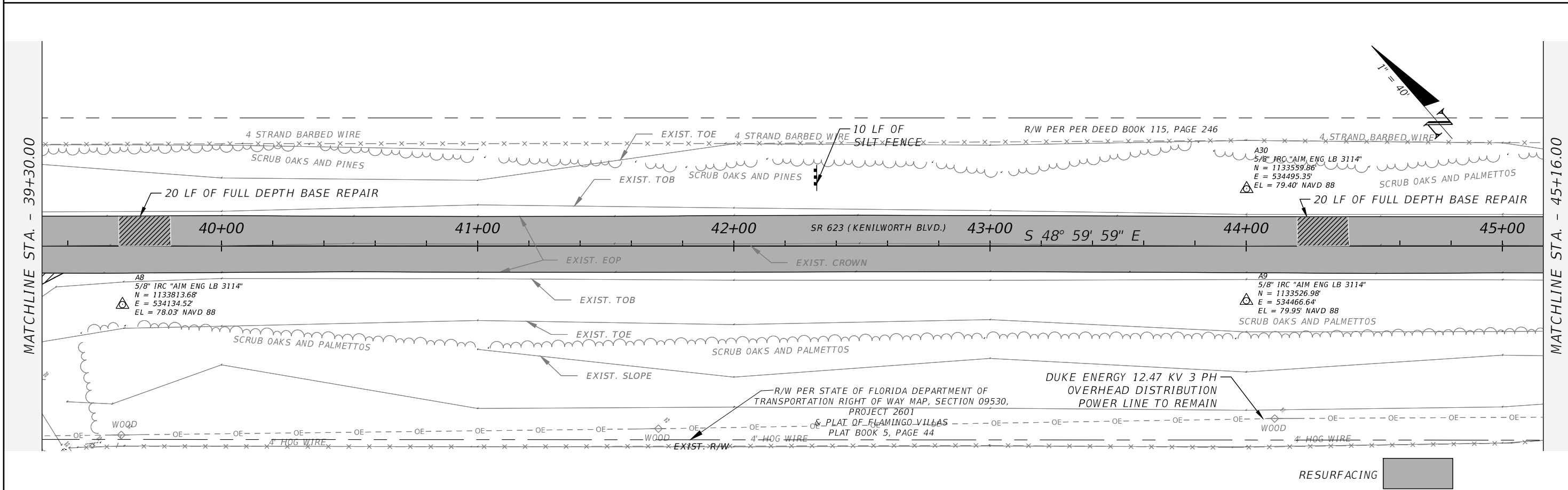
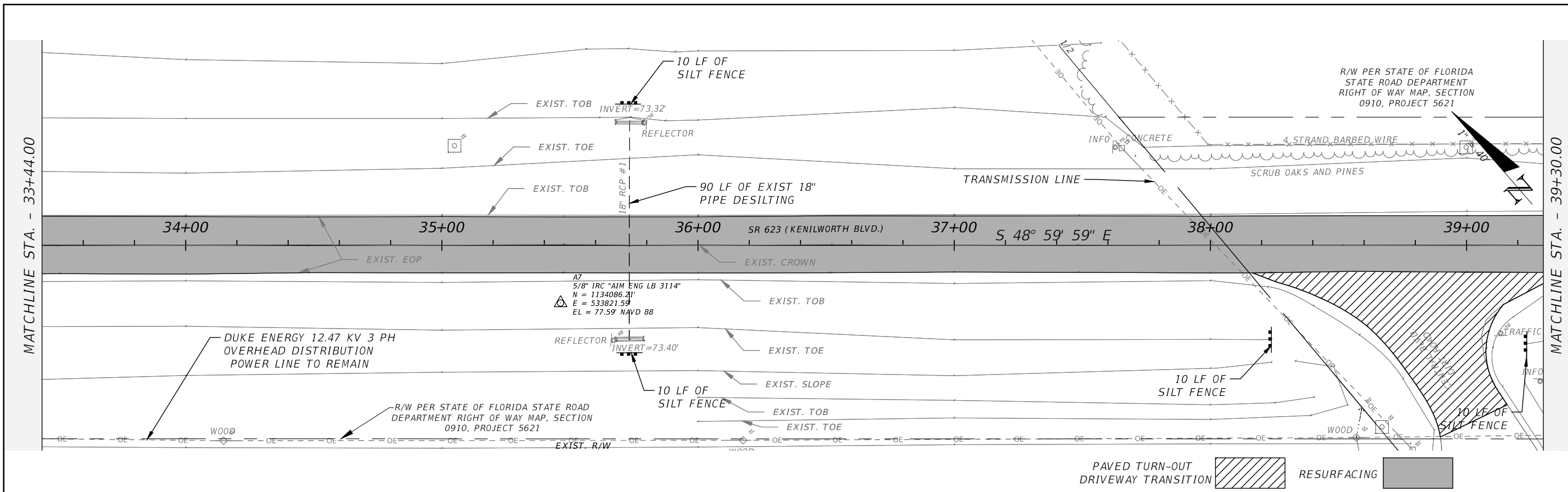
| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | ROADWAY PLANS | SHEET NO. 8 |
|-----------|-------------|------|-------------|--|--|--------|----------------------|------------------|-------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | 19-1014 | HIGHLANDS | | | | |

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



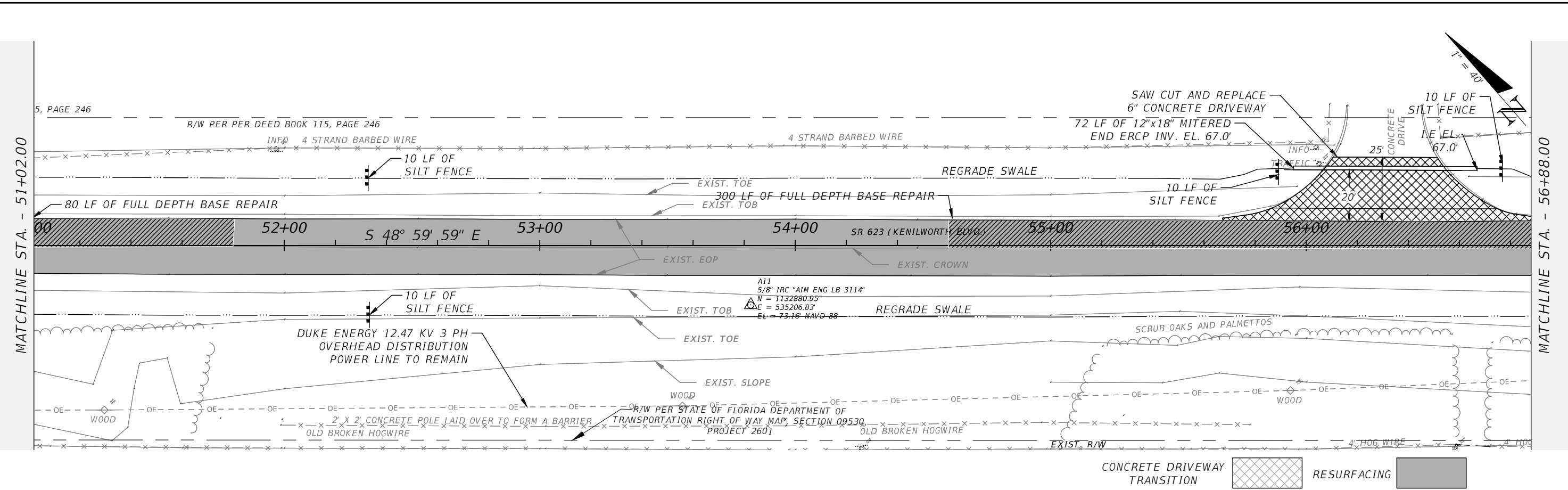
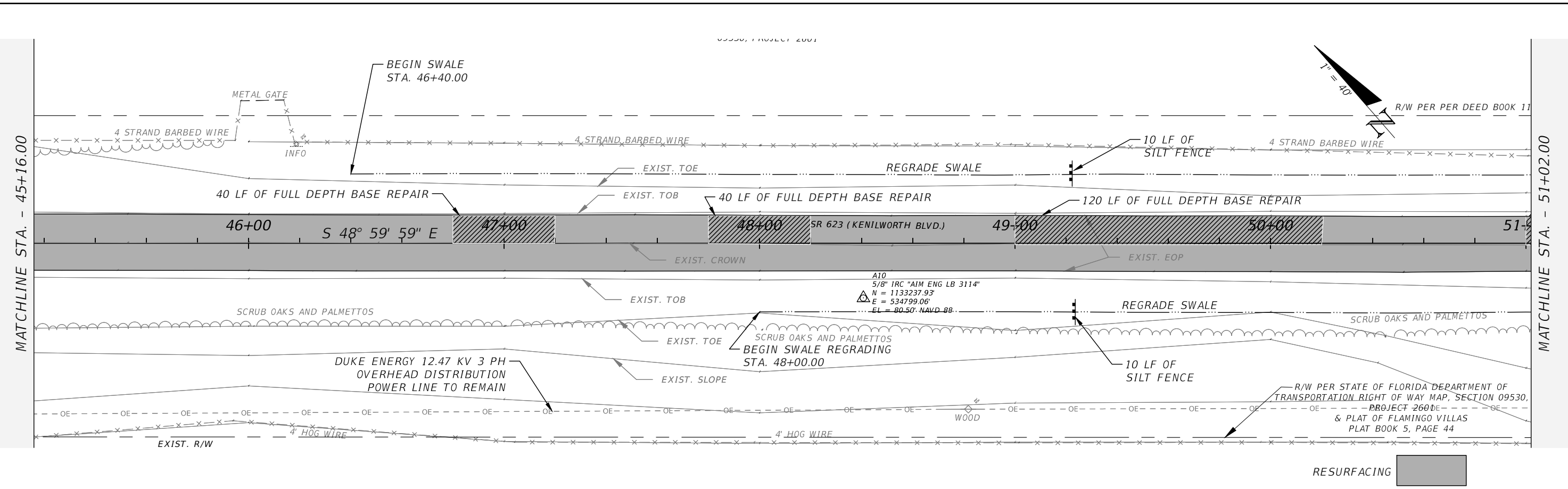
| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | ROADWAY PLANS | SHEET NO. 9 |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|------------------|-------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

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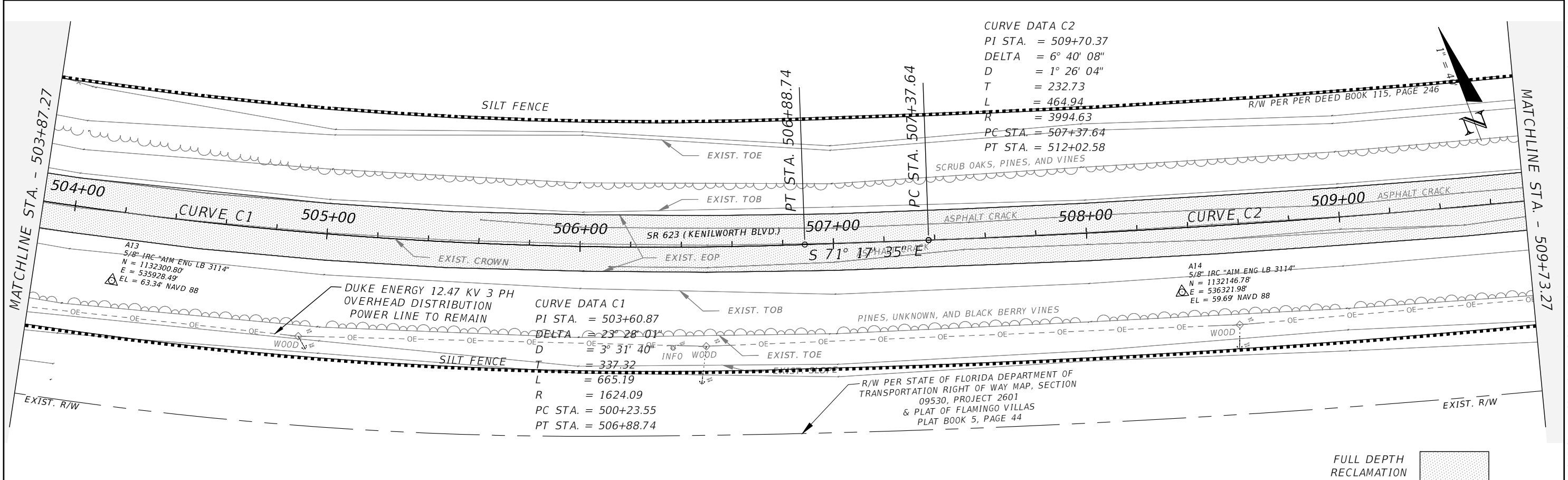
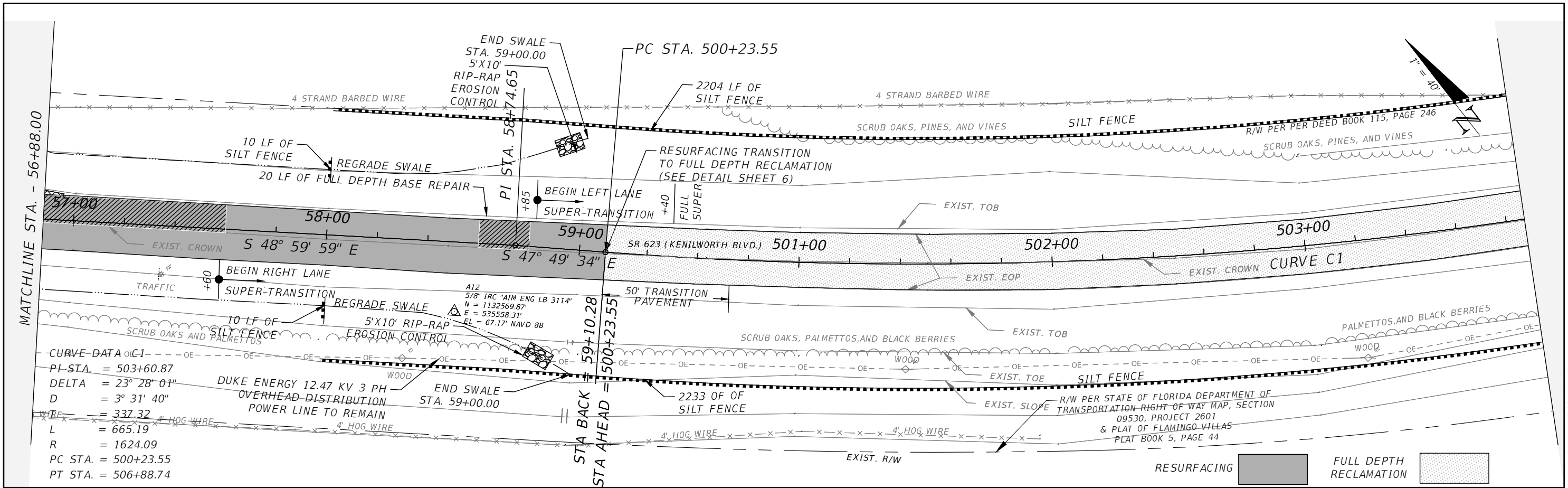
| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | ROADWAY PLANS | SHEET NO. 10 |
|-----------|-------------|------|-------------|--|--|--------|----------------------|------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | 19-1014 | HIGHLANDS | | | | |

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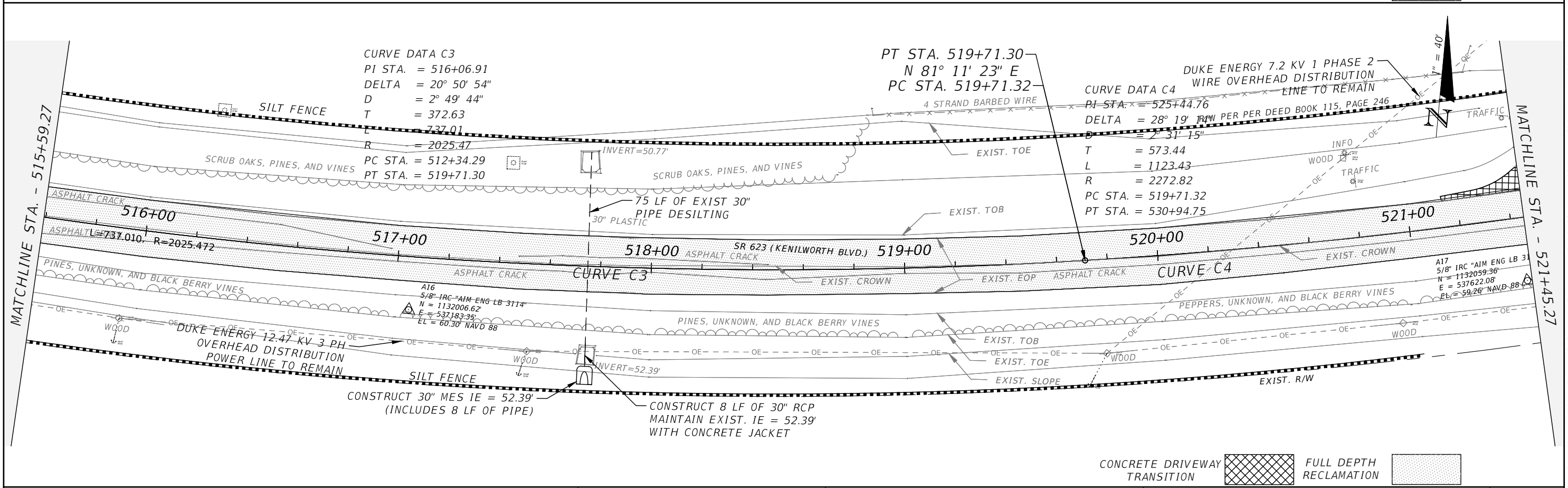
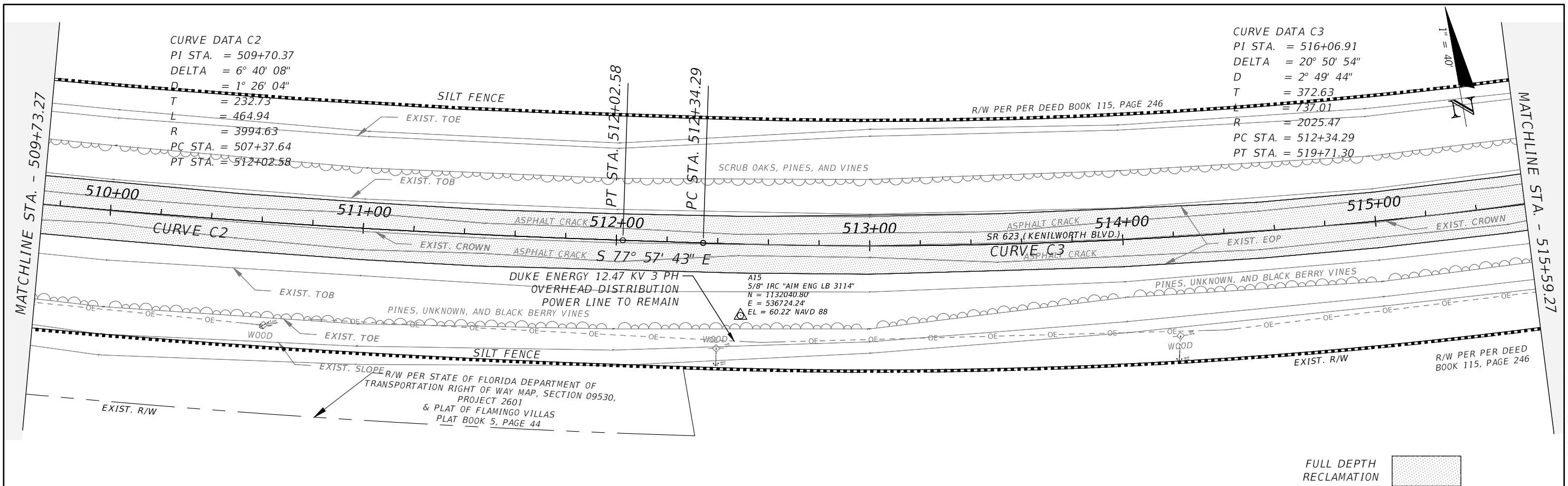
| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | ROADWAY PLANS | SHEET NO. 11 |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|------------------|------------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

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|-----------|-------------|------|-------------|--|--|-----------|----------------------|------------------|--------------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

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| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
 DANIEL W. SCHROEDER, P.E.
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 FORT MYERS, FL. 33901
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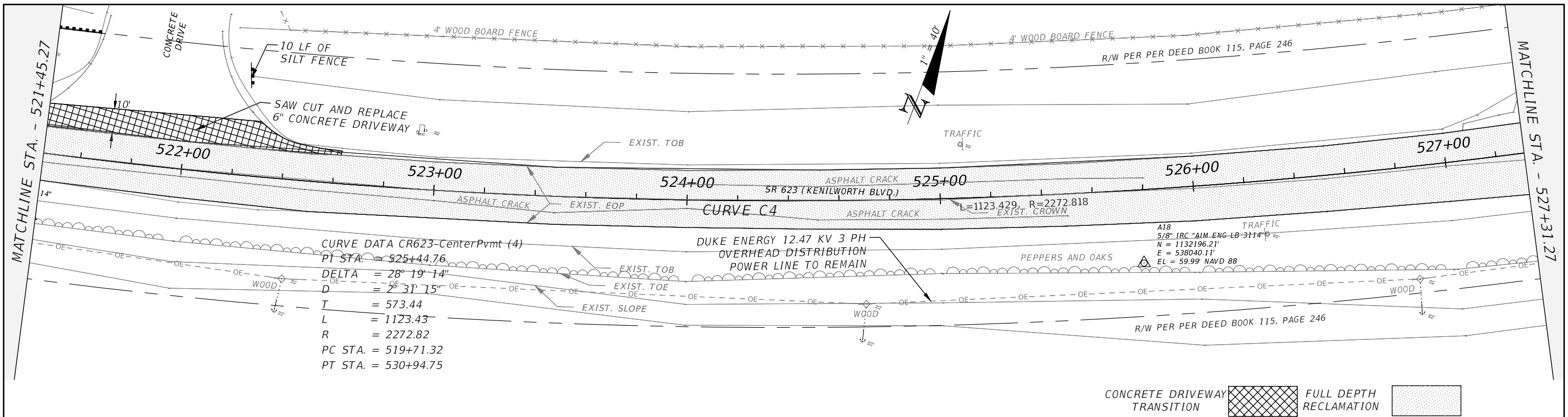
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|--|-----------|----------------------|
| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

CONCRETE DRIVEWAY TRANSITION  FULL DEPTH RECLAMATION 

**ROADWAY
PLANS**

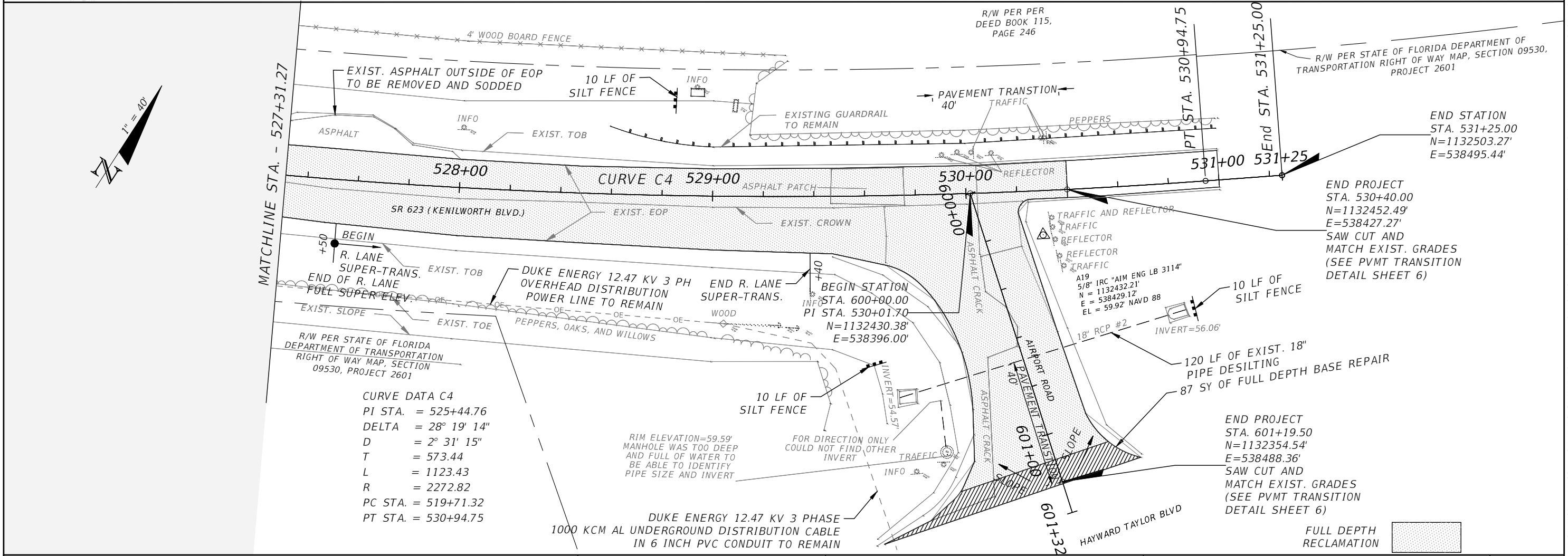
SHEET NO.
13

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



CURVE DATA CR623-CenterPvmt (4)
 PI STA. = 525+44.76
 DELTA = 28° 19' 14"
 D = 2° 31' 15"
 T = 573.44
 L = 1123.43
 R = 2272.82
 PC STA. = 519+71.32
 PT STA. = 530+94.75

CONCRETE DRIVEWAY TRANSITION [Hatched Pattern] FULL DEPTH RECLAMATION [Stippled Pattern]



CURVE DATA C4
 PI STA. = 525+44.76
 DELTA = 28° 19' 14"
 D = 2° 31' 15"
 T = 573.44
 L = 1123.43
 R = 2272.82
 PC STA. = 519+71.32
 PT STA. = 530+94.75

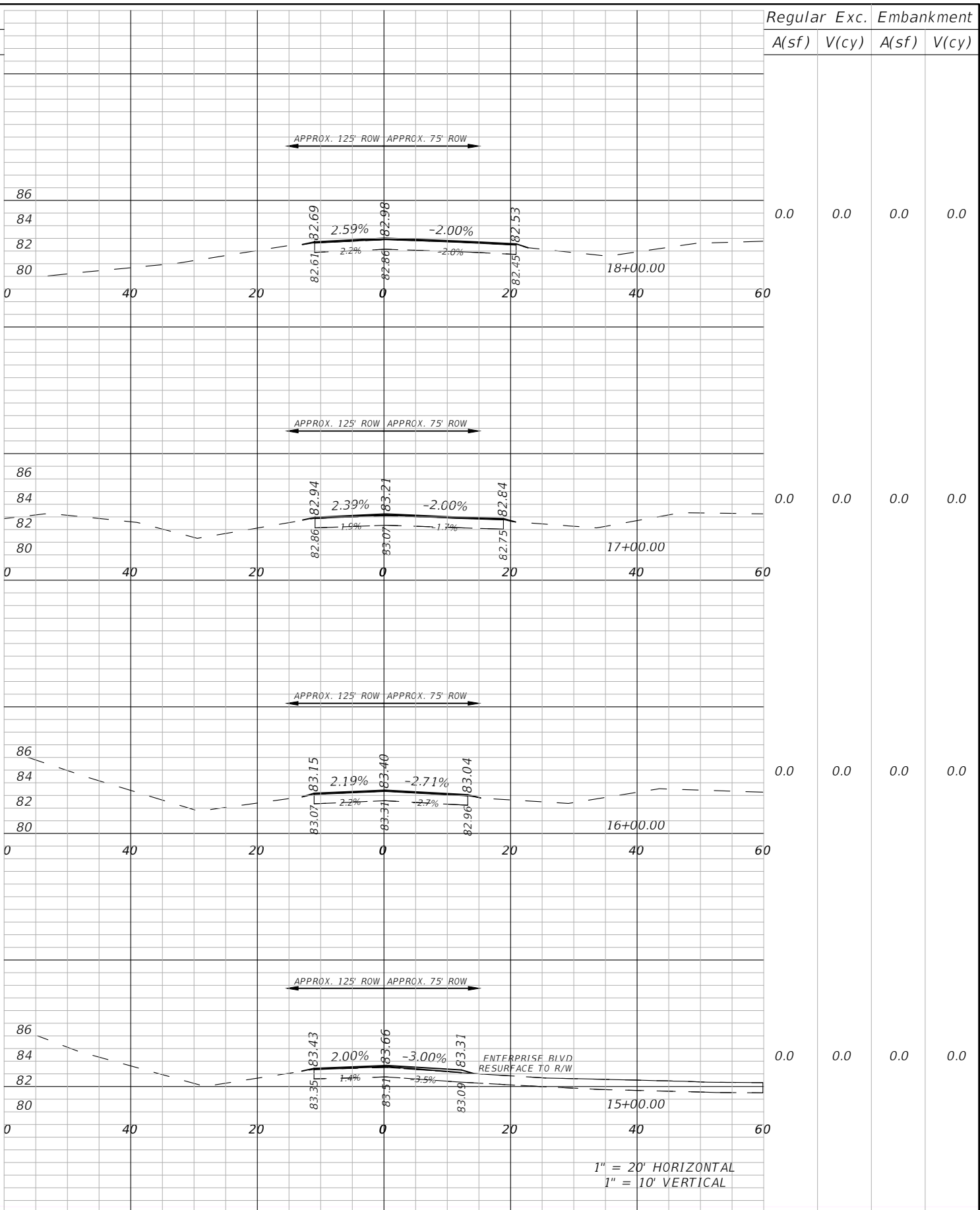
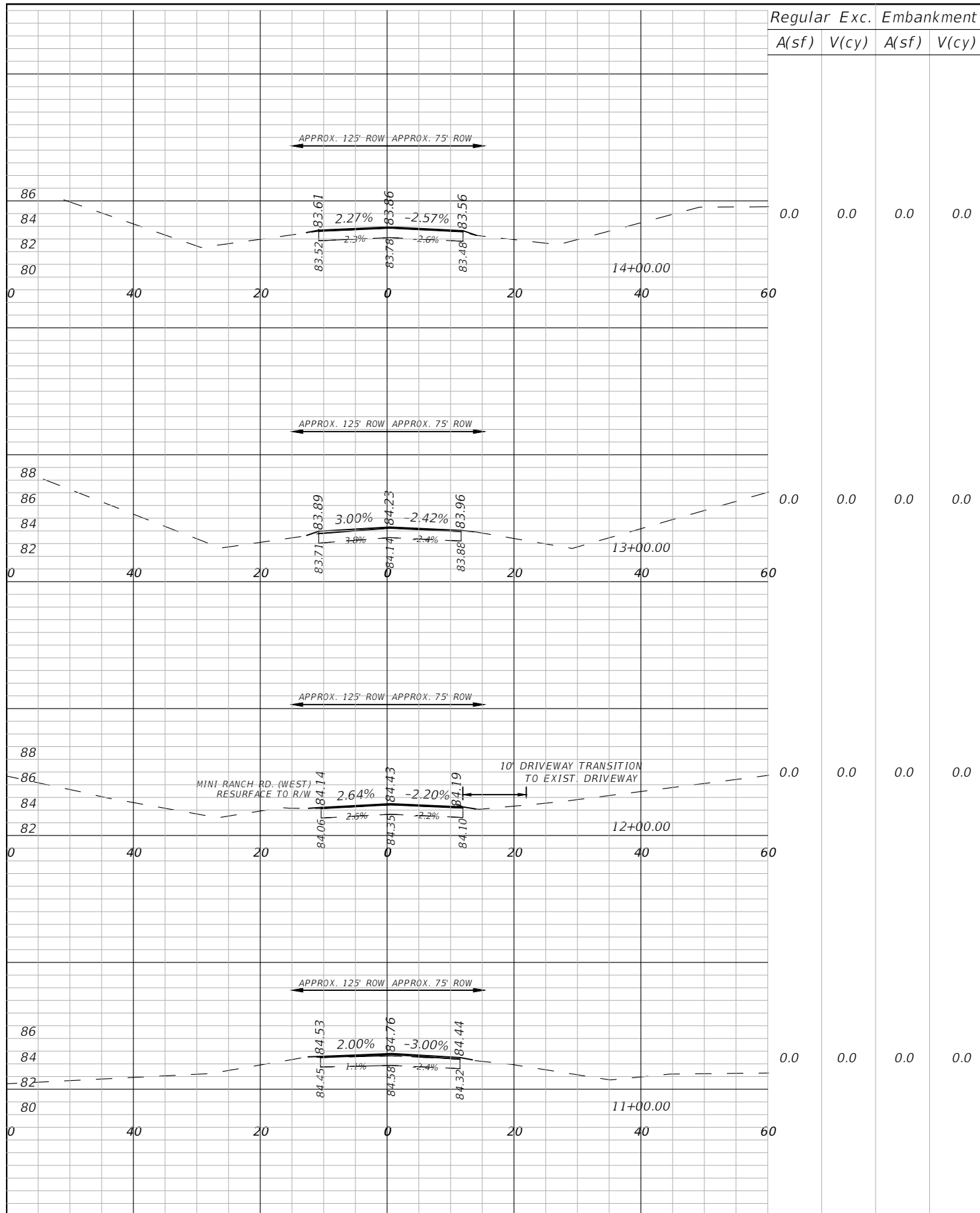
END PROJECT STA. 601+19.50
 N=1132354.54'
 E=538488.36'
 SAW CUT AND MATCH EXIST. GRADES (SEE PVMT TRANSITION DETAIL SHEET 6)

END STATION STA. 531+25.00
 N=1132503.27'
 E=538495.44'

END PROJECT STA. 530+40.00
 N=1132452.49'
 E=538427.27'
 SAW CUT AND MATCH EXIST. GRADES (SEE PVMT TRANSITION DETAIL SHEET 6)

| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | ROADWAY PLANS | SHEET NO. 14 |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|---------------|-----------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

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1" = 20' HORIZONTAL
1" = 10' VERTICAL

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

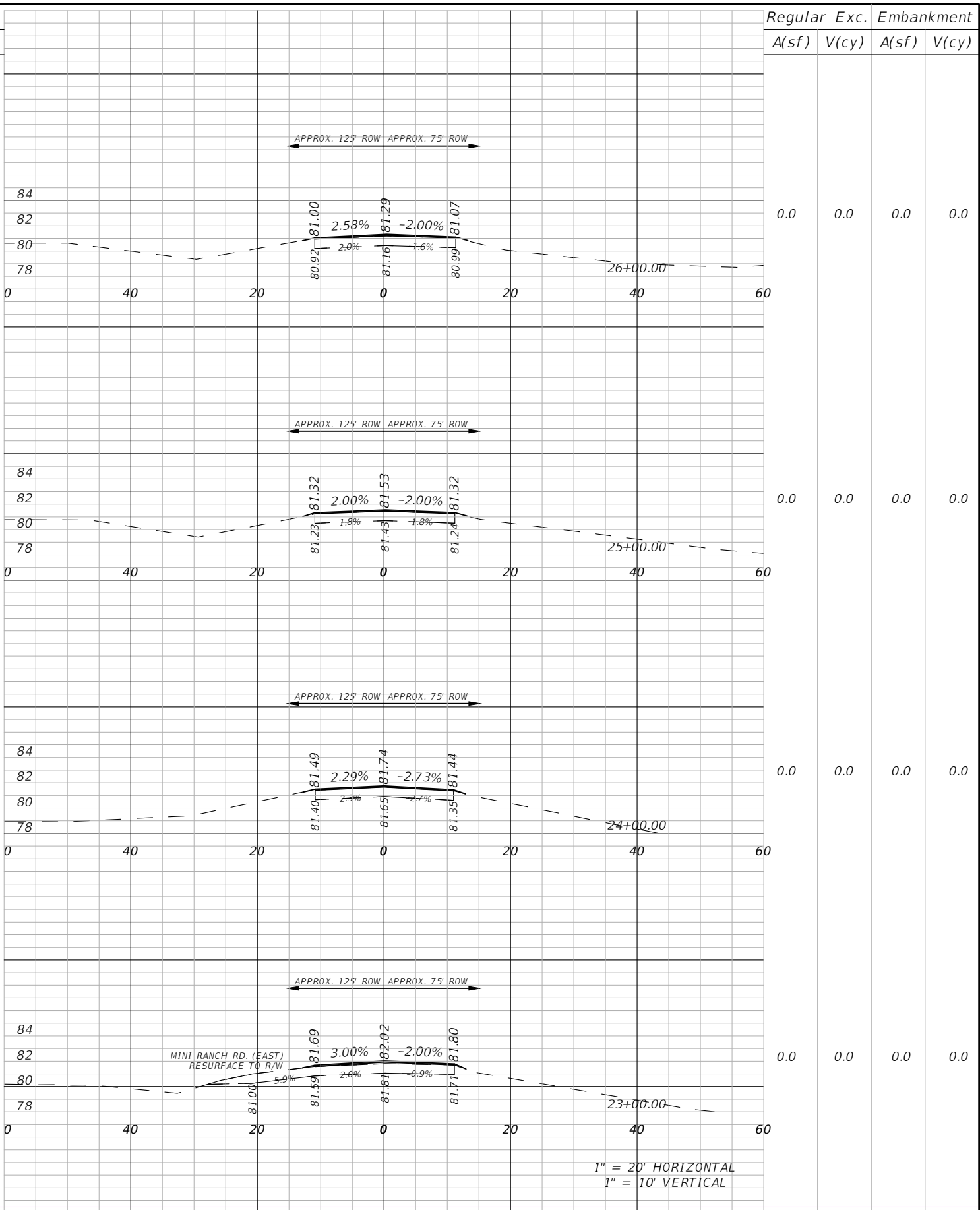
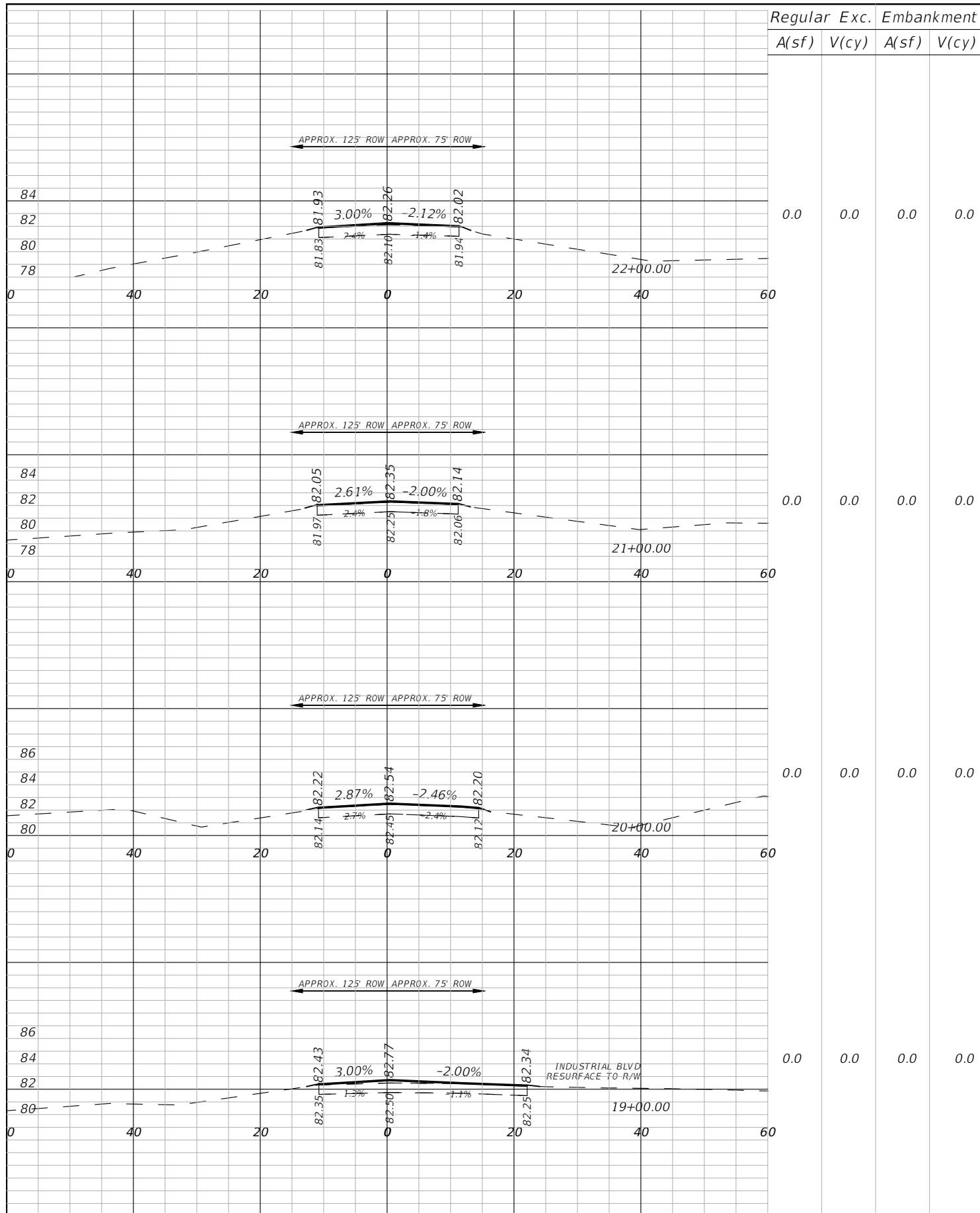
AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
P.E. LICENSE NUMBER 78646
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

SHEET
NO.
15

THE OFFICIAL RECORD OF THIS SHEET IS THE ELECTRONIC FILE DIGITALLY SIGNED AND SEALED UNDER RULE 61G15-23.004, F.A.C.



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

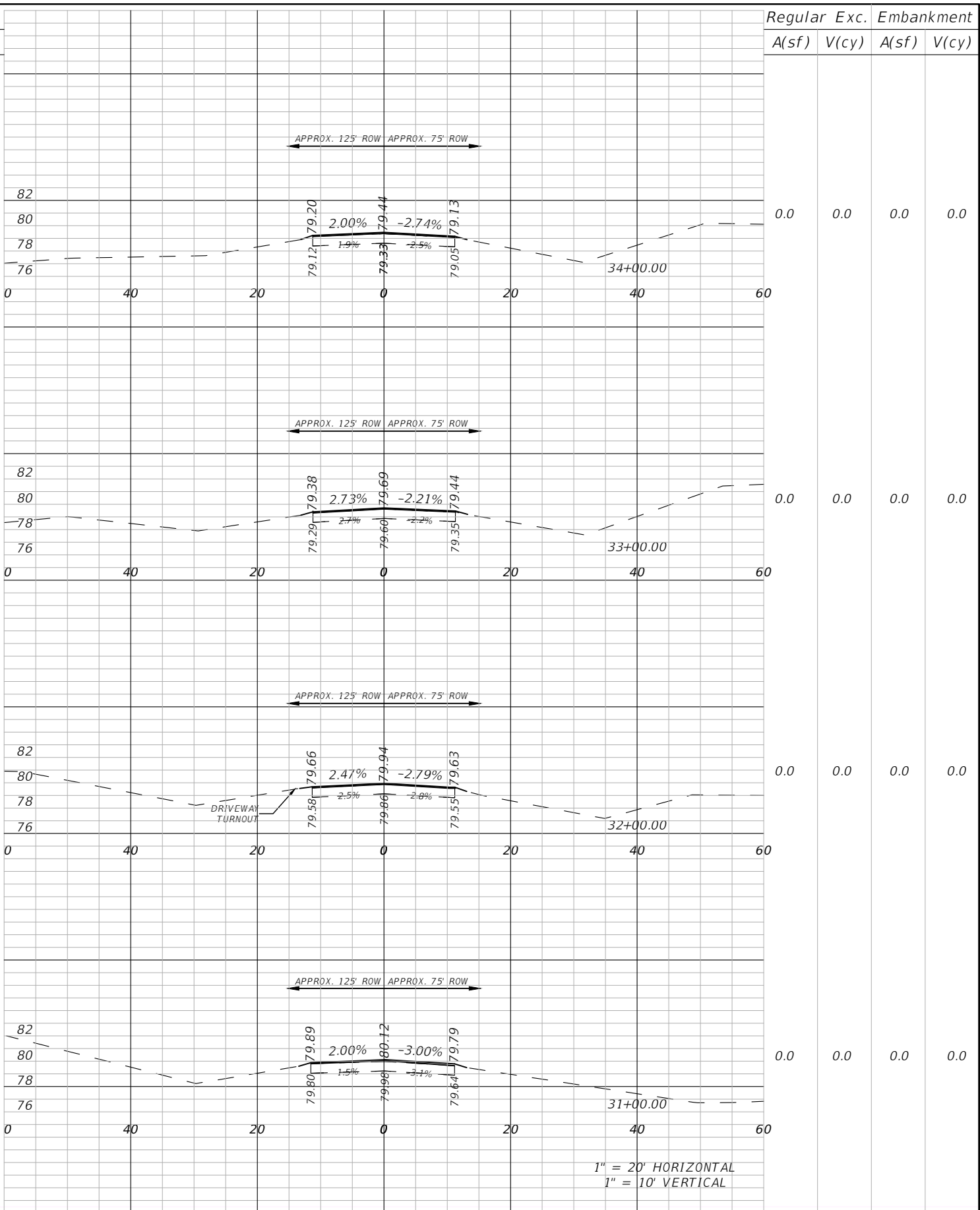
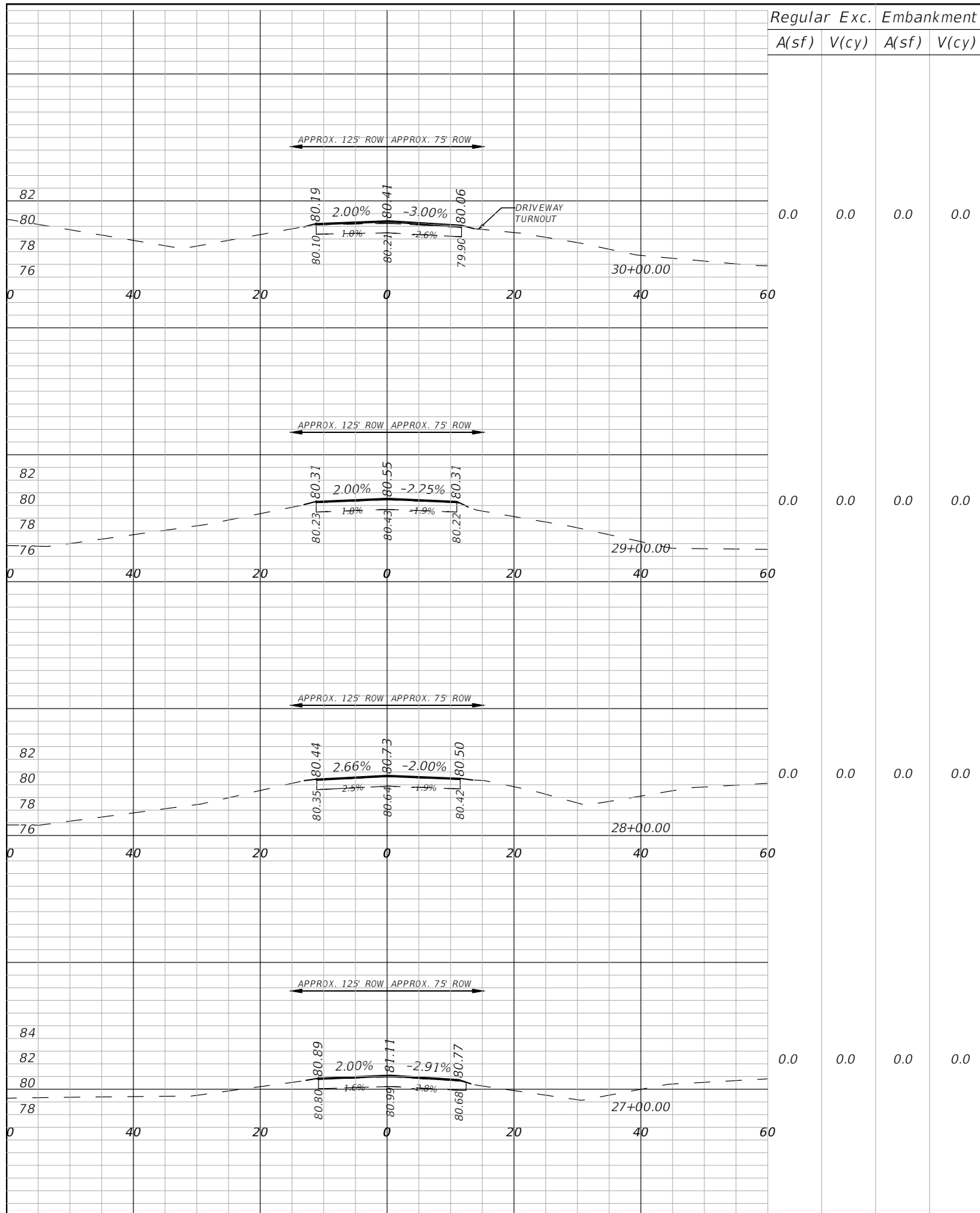
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
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|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 16 |



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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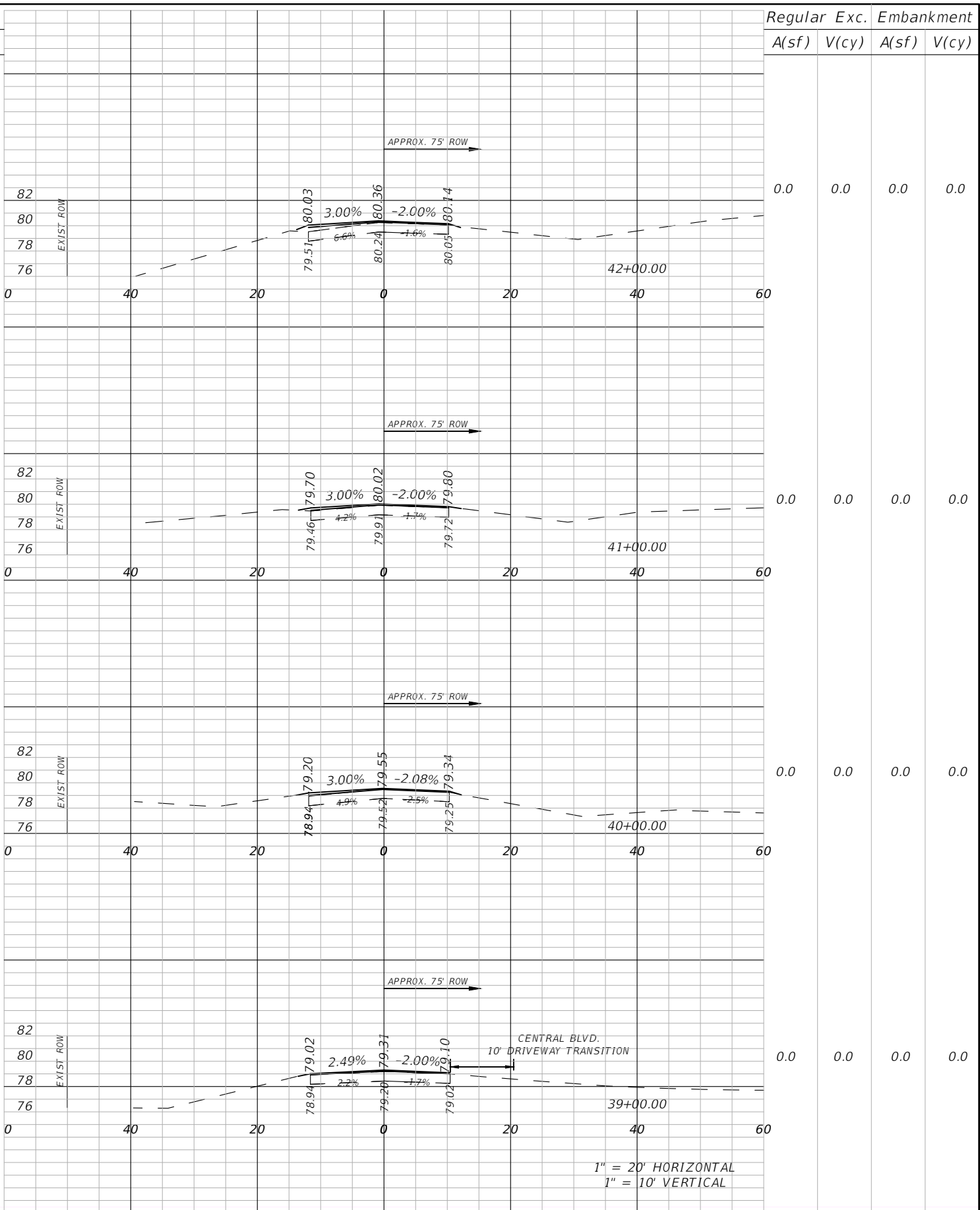
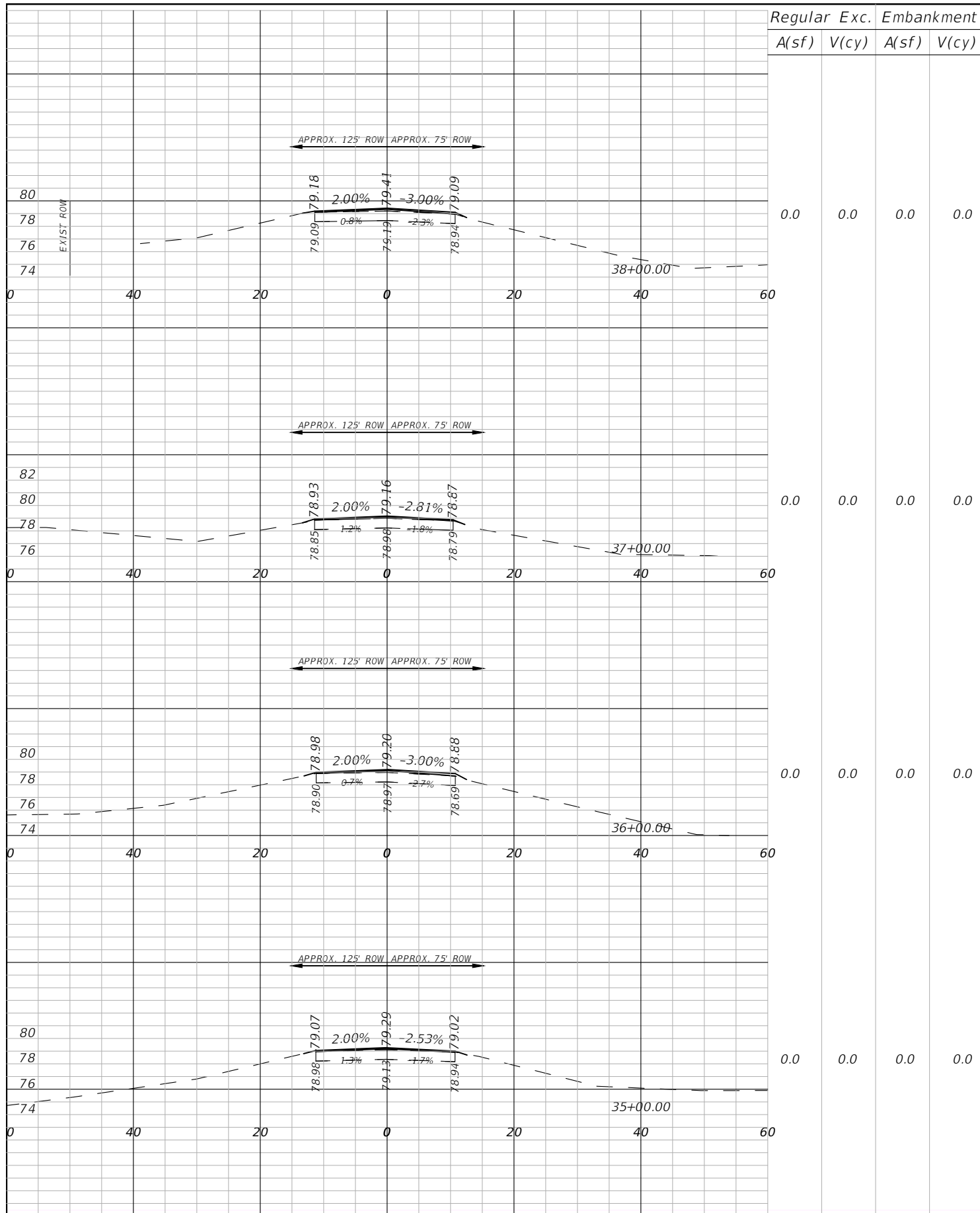
| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| |
|-----------|
| SHEET NO. |
| 17 |

1" = 20' HORIZONTAL
 1" = 10' VERTICAL

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1" = 20' HORIZONTAL
1" = 10' VERTICAL

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

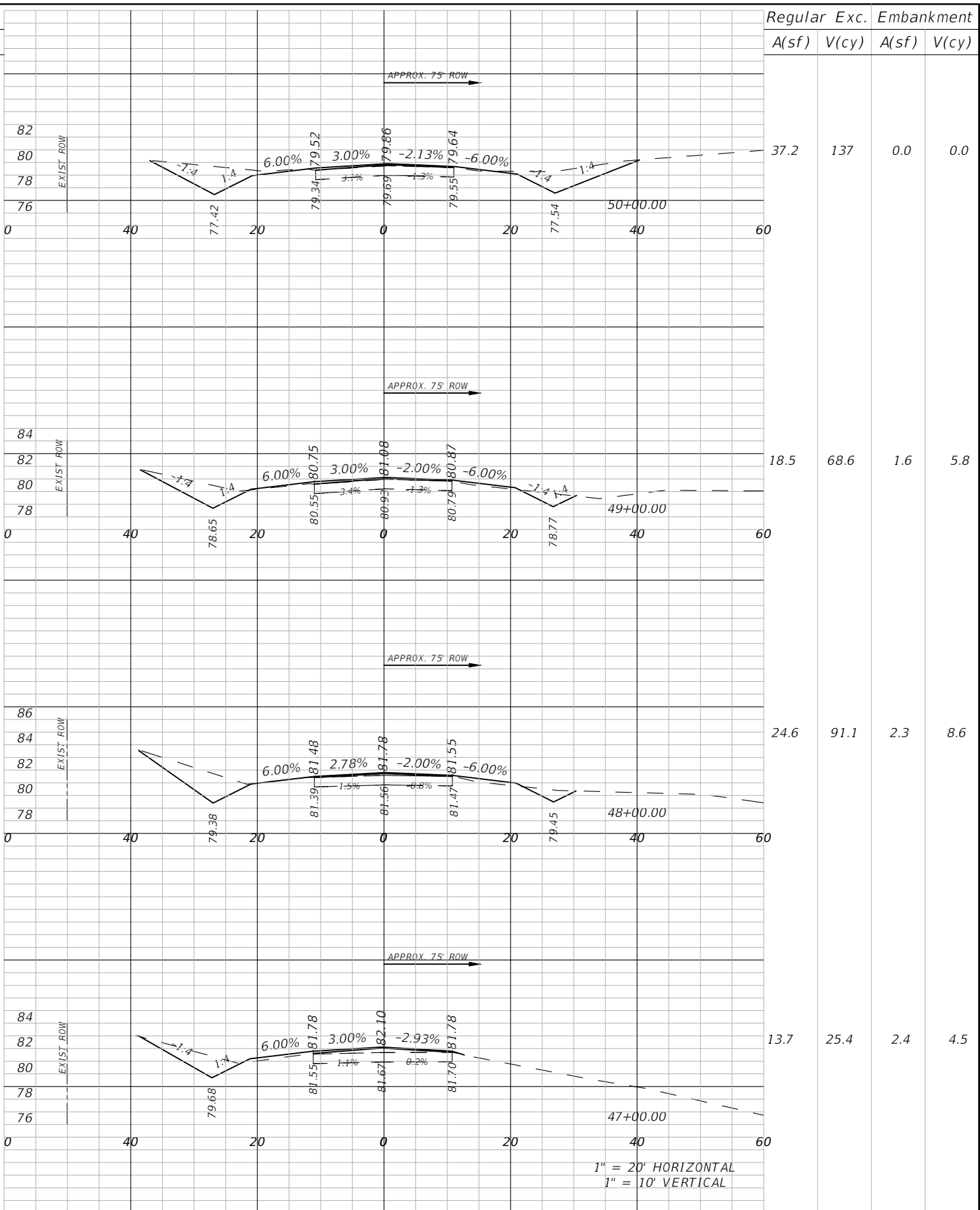
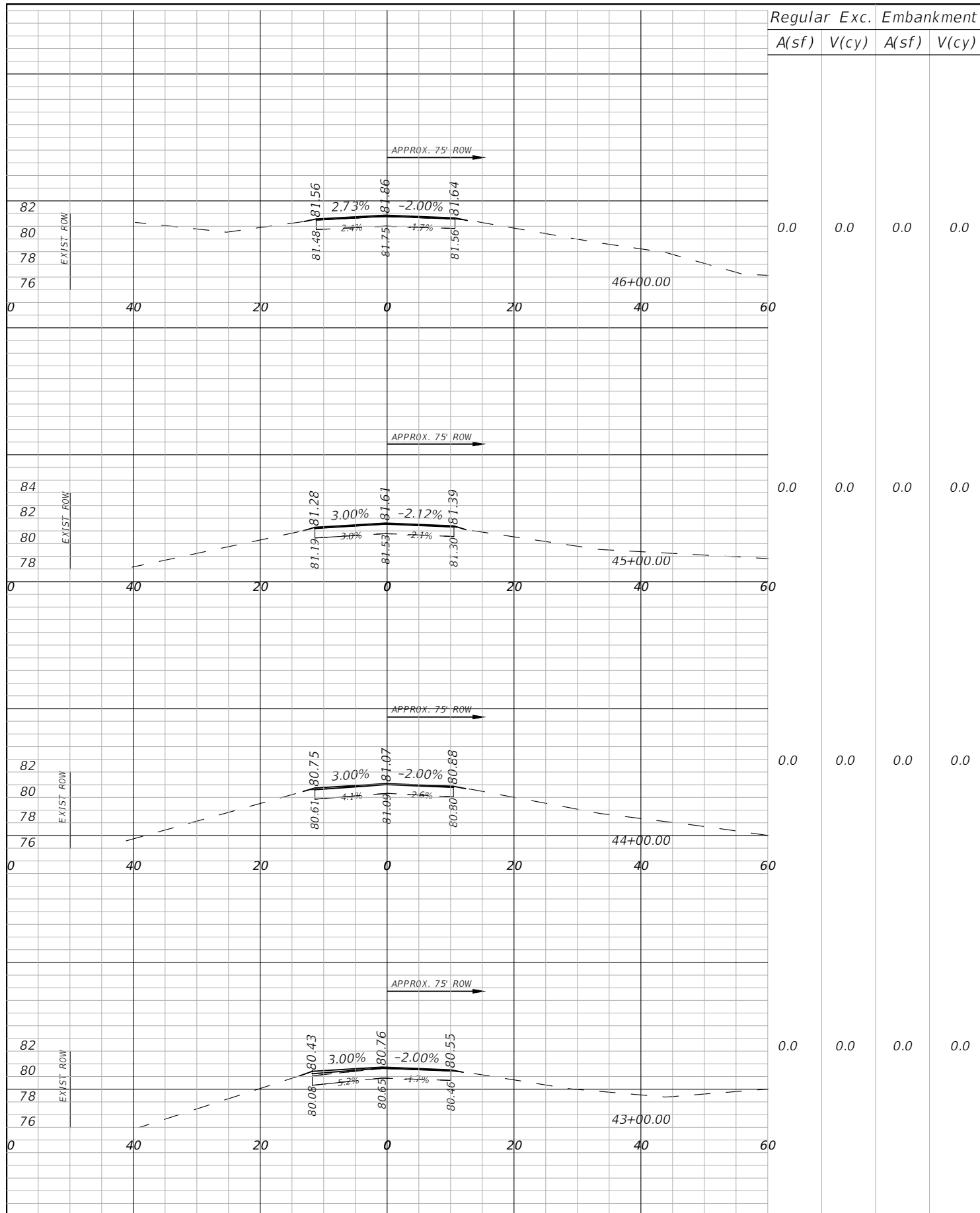
AIM ENGINEERING & SURVEYING, INC.
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|--|-----------|----------------------|
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| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 18 |

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| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

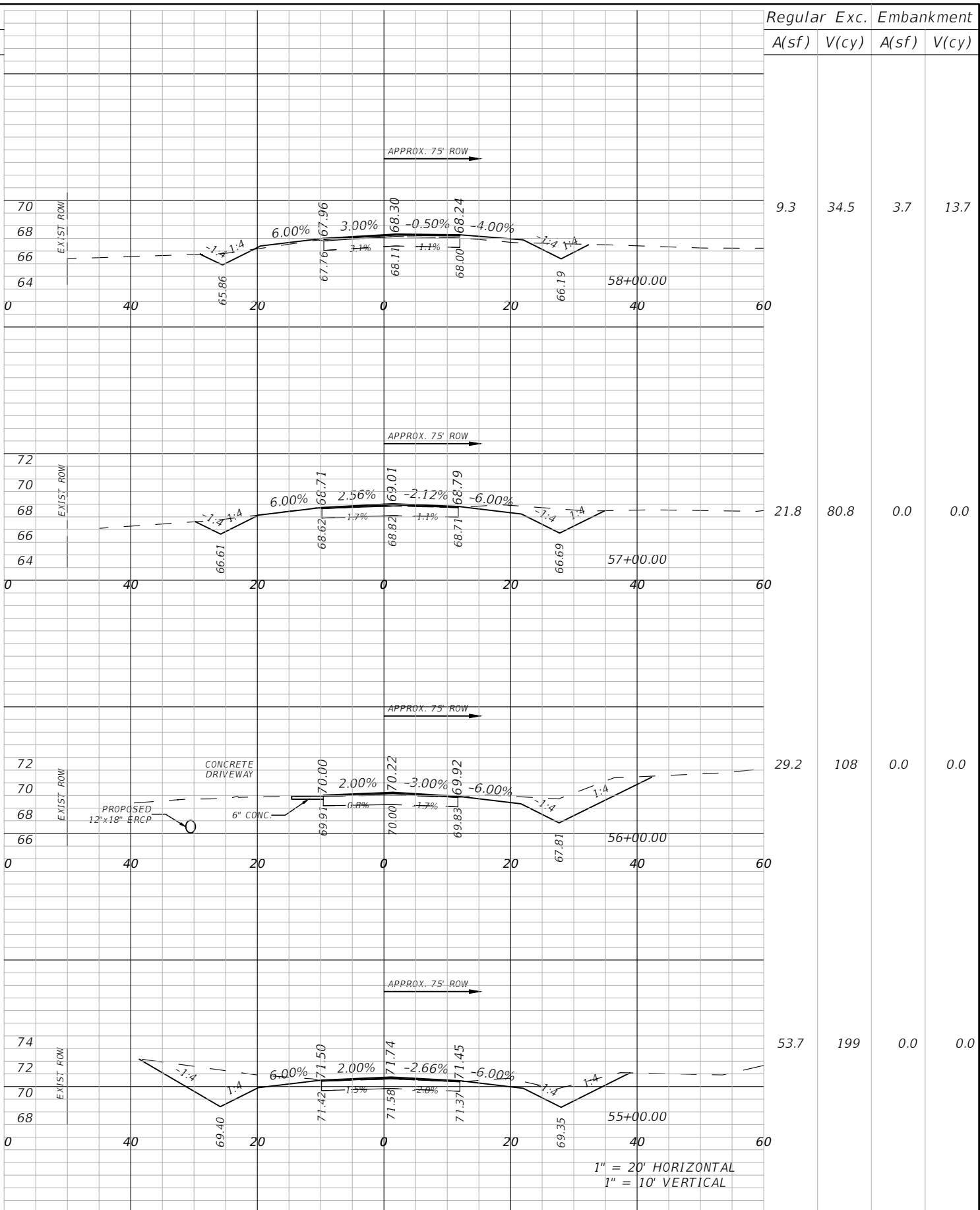
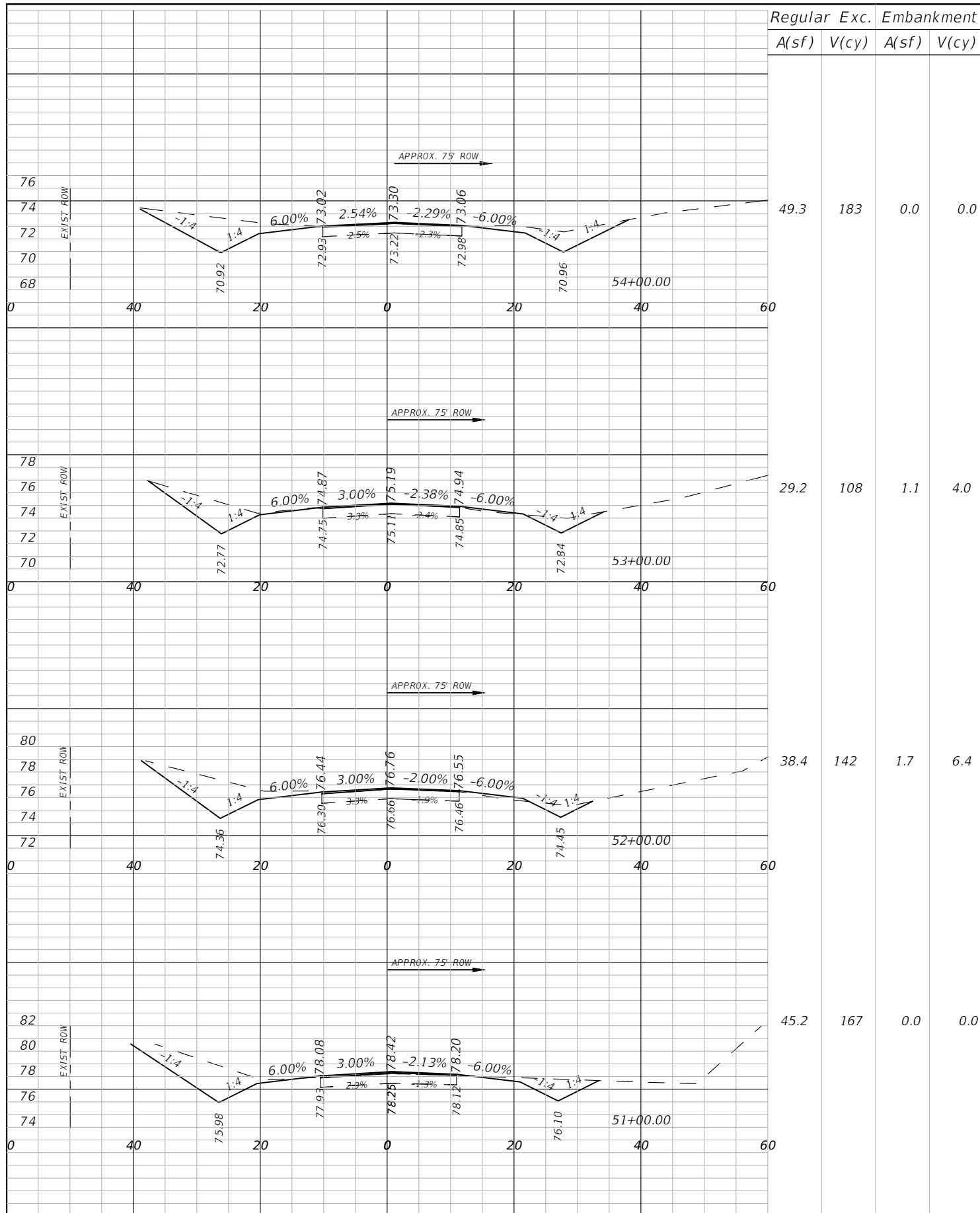
AIM ENGINEERING & SURVEYING, INC.
 DANIEL W. SCHROEDER, P.E.
 P.E. LICENSE NUMBER 78646
 2161 FOWLER ST.
 FORT MYERS, FL. 33901
 CERTIFICATE OF AUTHORIZATION 3114

| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 19 |

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| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

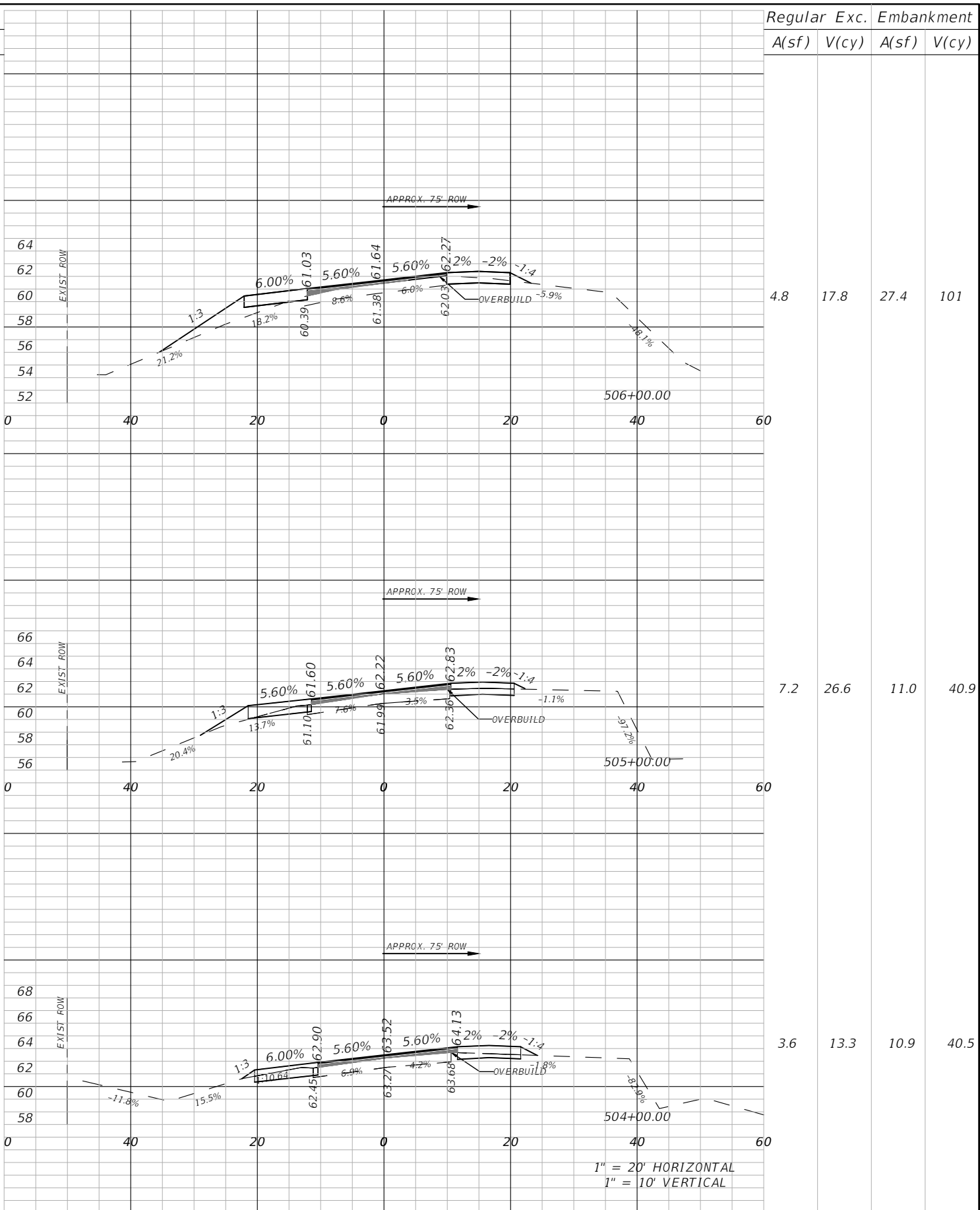
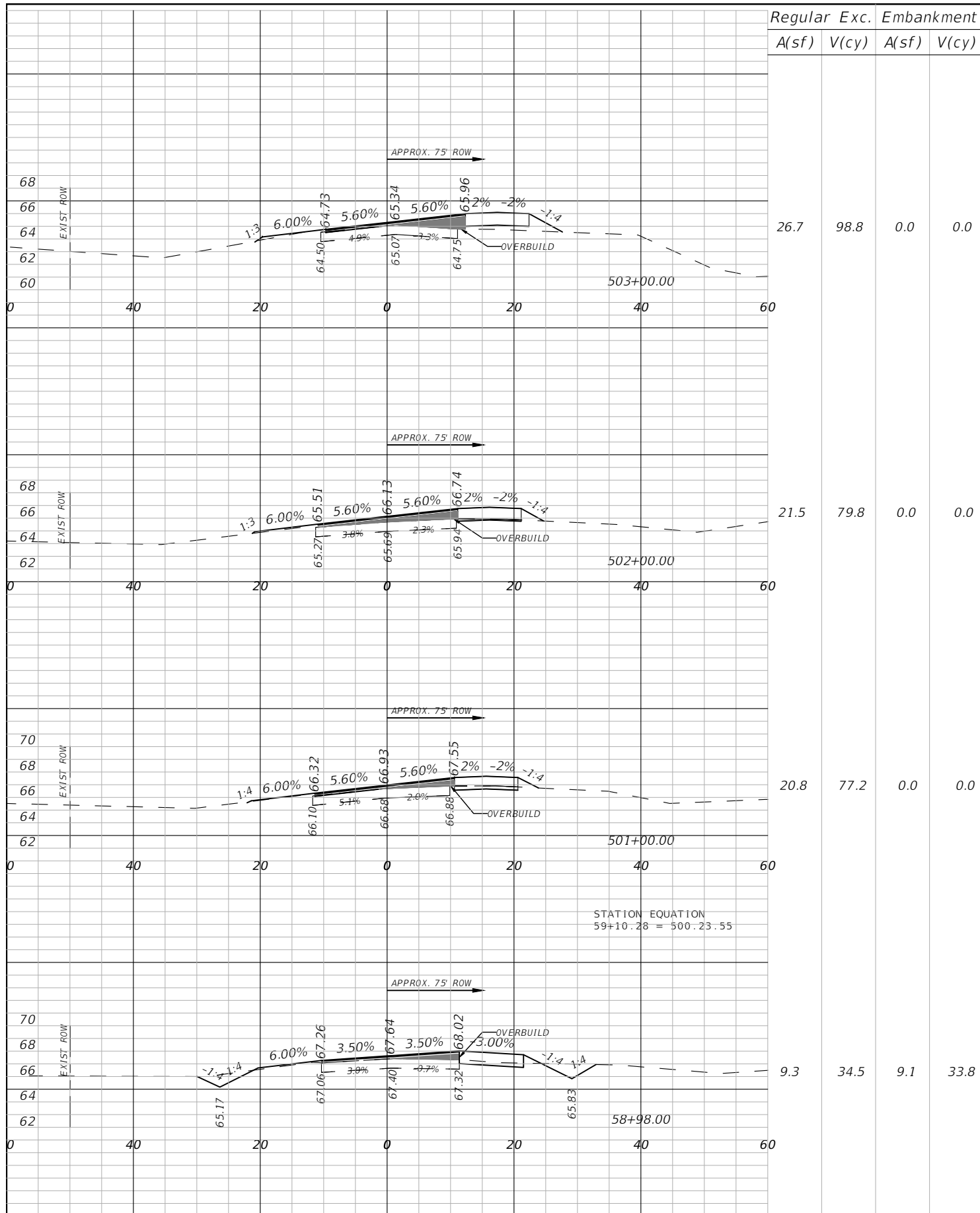
AIM ENGINEERING & SURVEYING, INC.
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| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 20 |

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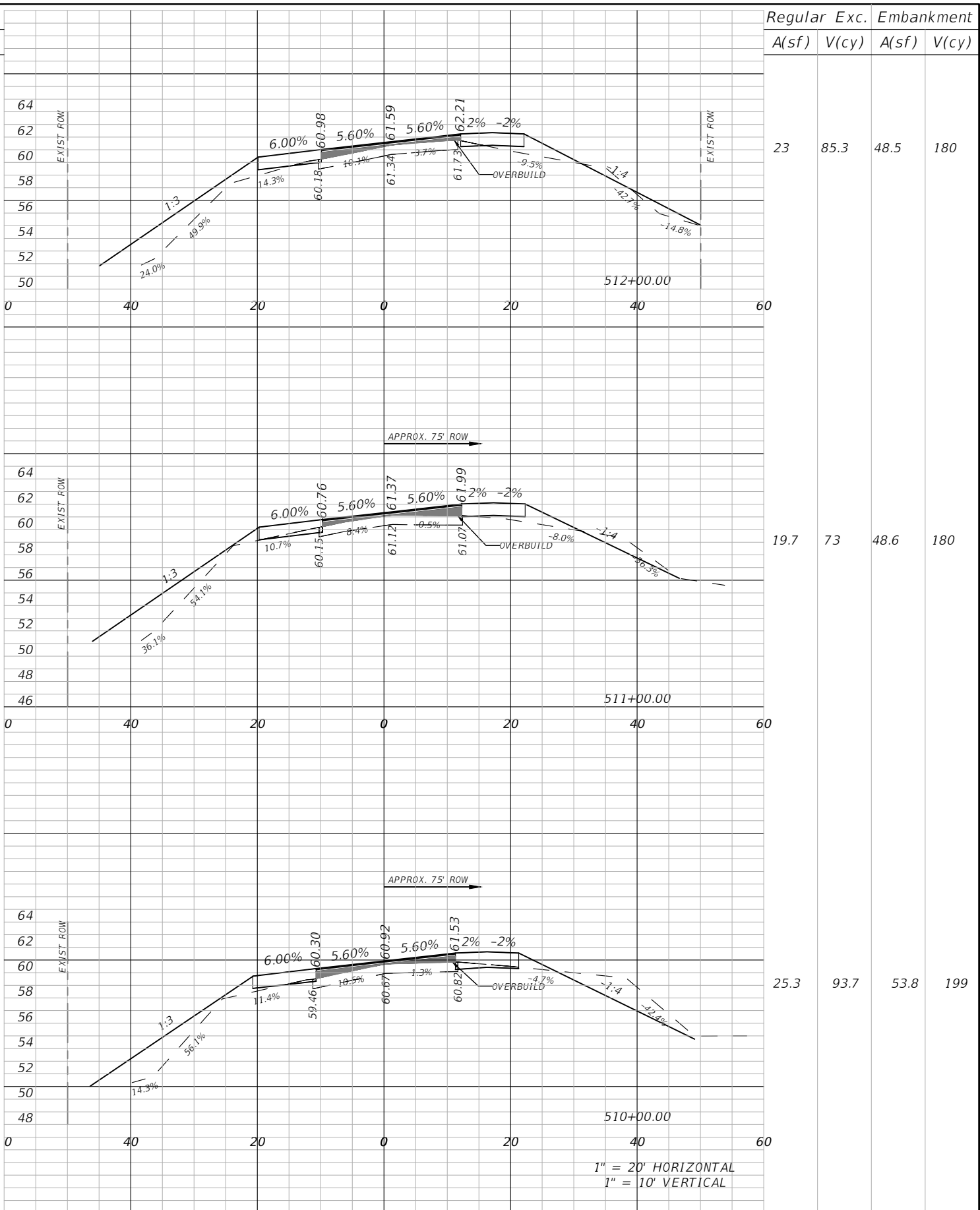
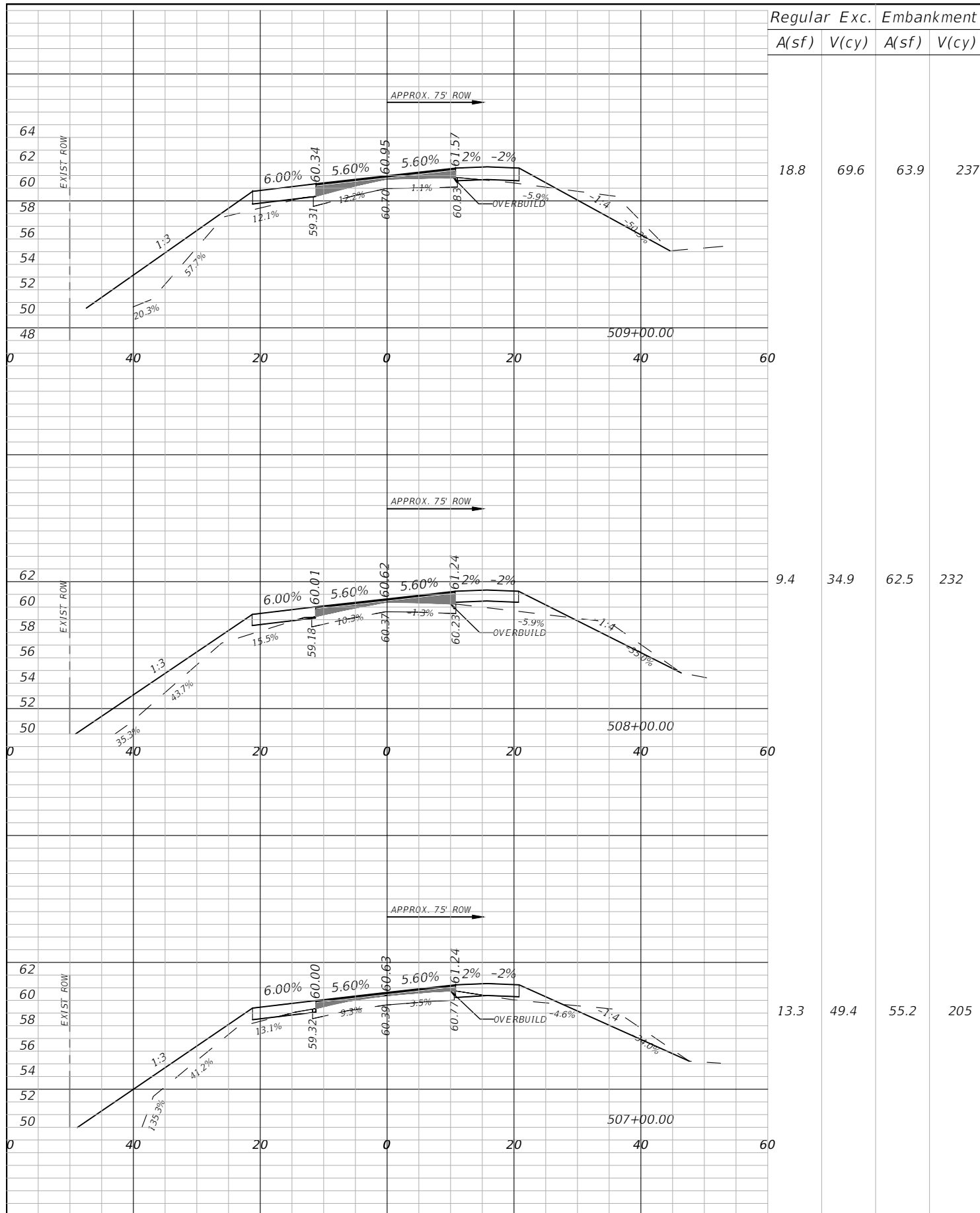
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
 DANIEL W. SCHROEDER, P.E.
 P.E. LICENSE NUMBER 78646
 2161 FOWLER ST.
 FORT MYERS, FL. 33901
 CERTIFICATE OF AUTHORIZATION 3114

| | | |
|--|-----------|----------------------|
| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

CROSS SECTIONS

| |
|-----------|
| SHEET NO. |
| 21 |



1" = 20' HORIZONTAL
1" = 10' VERTICAL

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

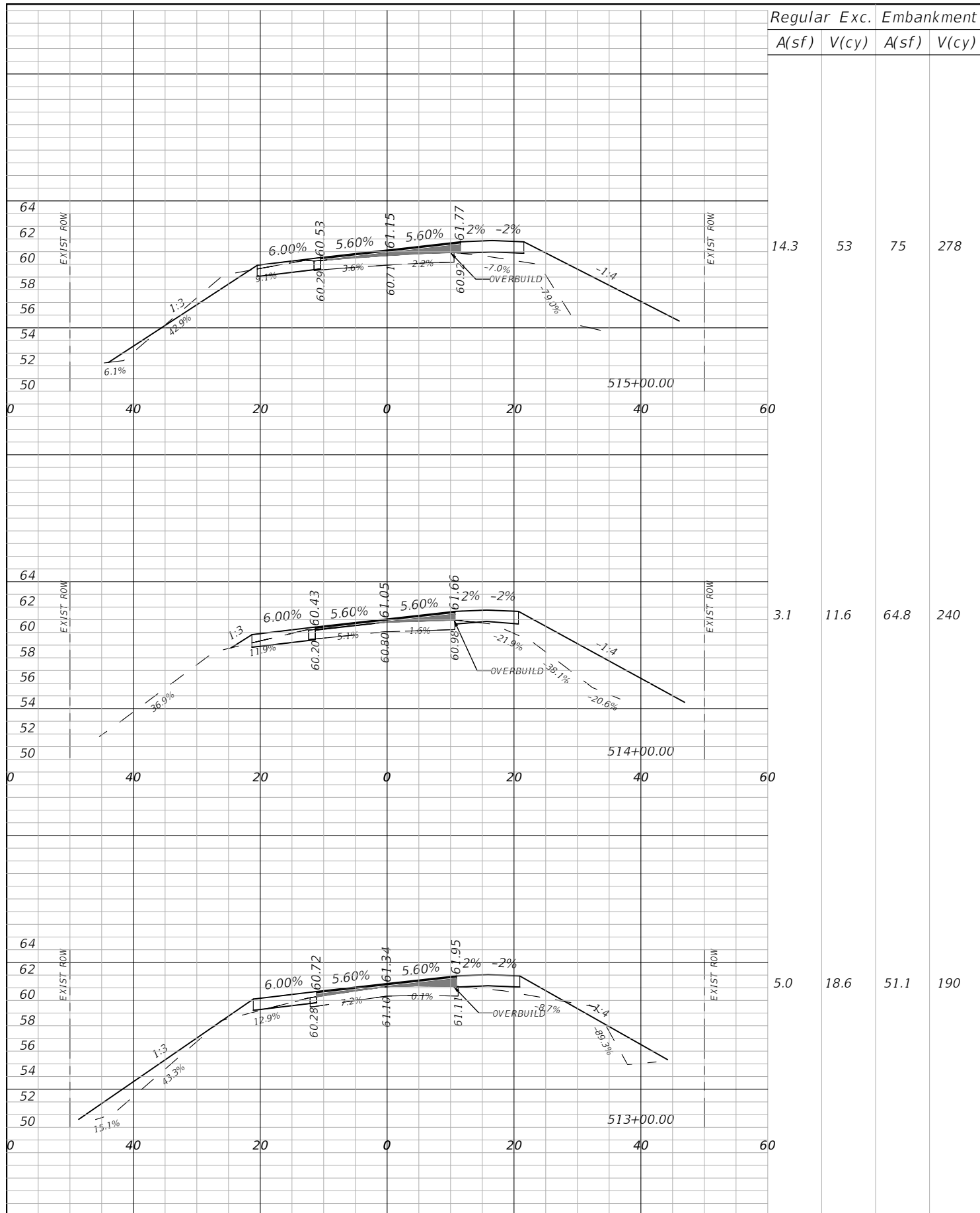
AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
P.E. LICENSE NUMBER 78646
2161 FOWLER ST.
FORT MYERS, FL. 33901
CERTIFICATE OF AUTHORIZATION 3114

| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

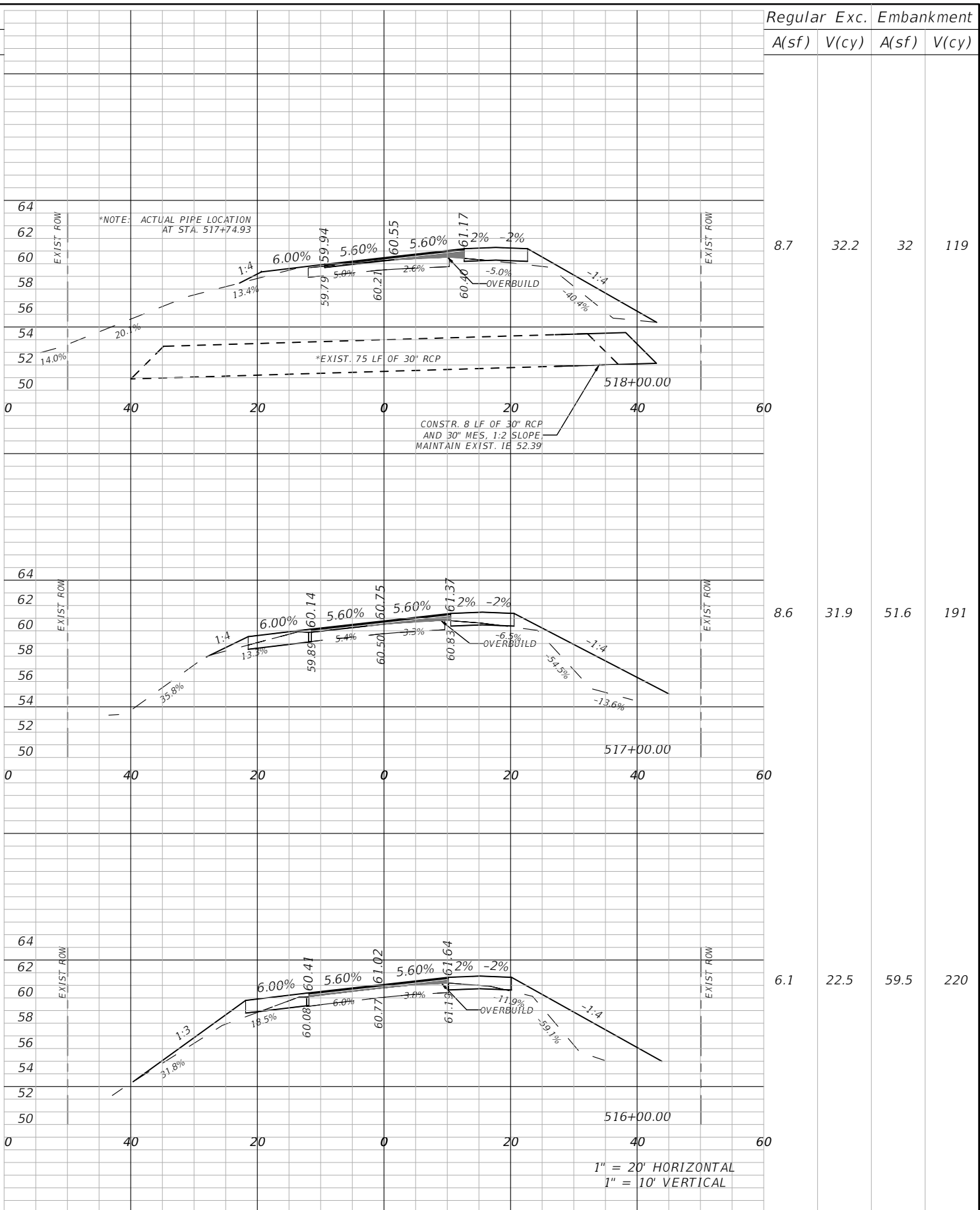
CROSS SECTIONS

SHEET NO.
22

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| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |
| 14.3 | 53 | 75 | 278 | | |



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |
| 8.7 | 32.2 | 32 | 119 | | |
| 8.6 | 31.9 | 51.6 | 191 | | |
| 6.1 | 22.5 | 59.5 | 220 | | |

1" = 20' HORIZONTAL
1" = 10' VERTICAL

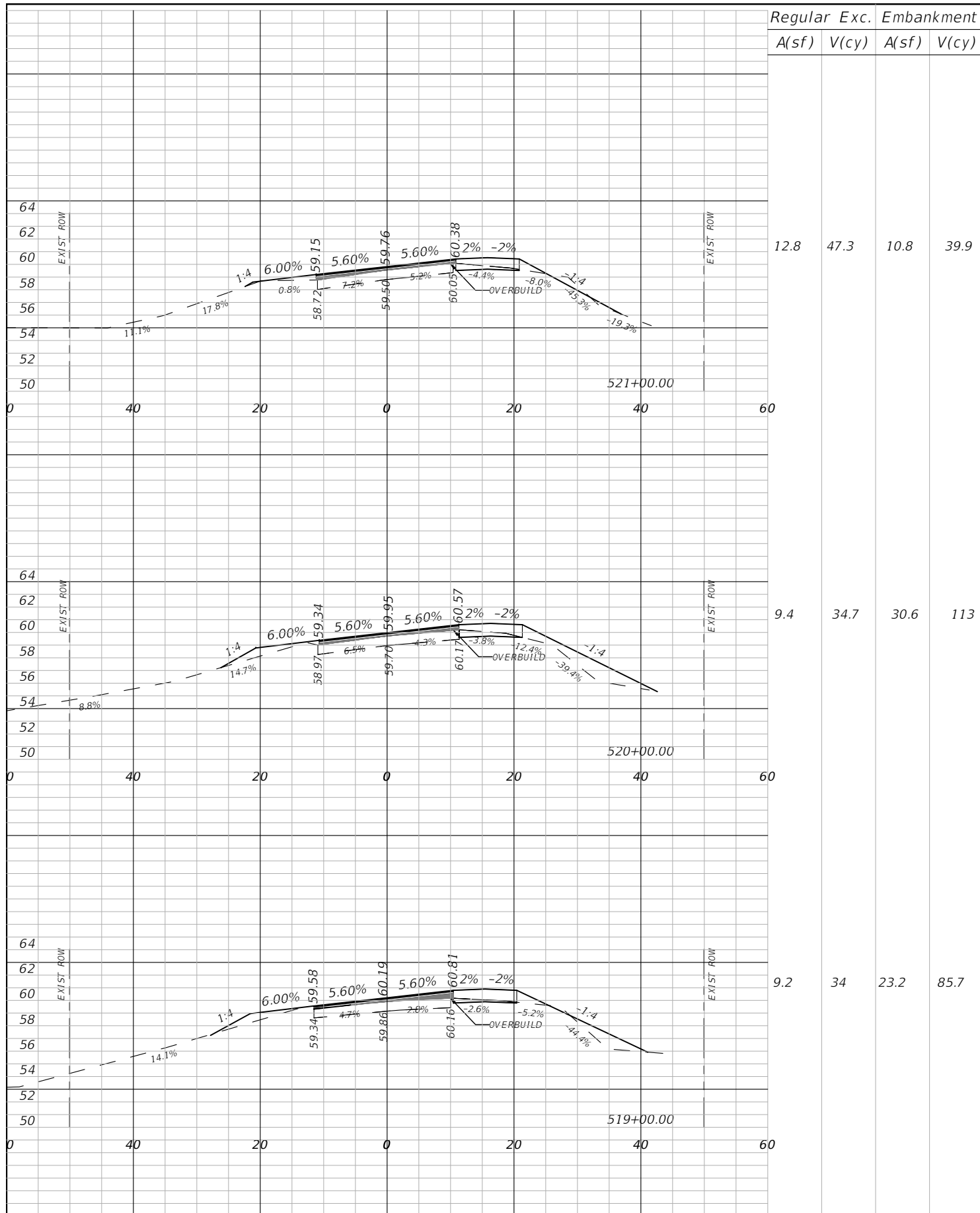
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

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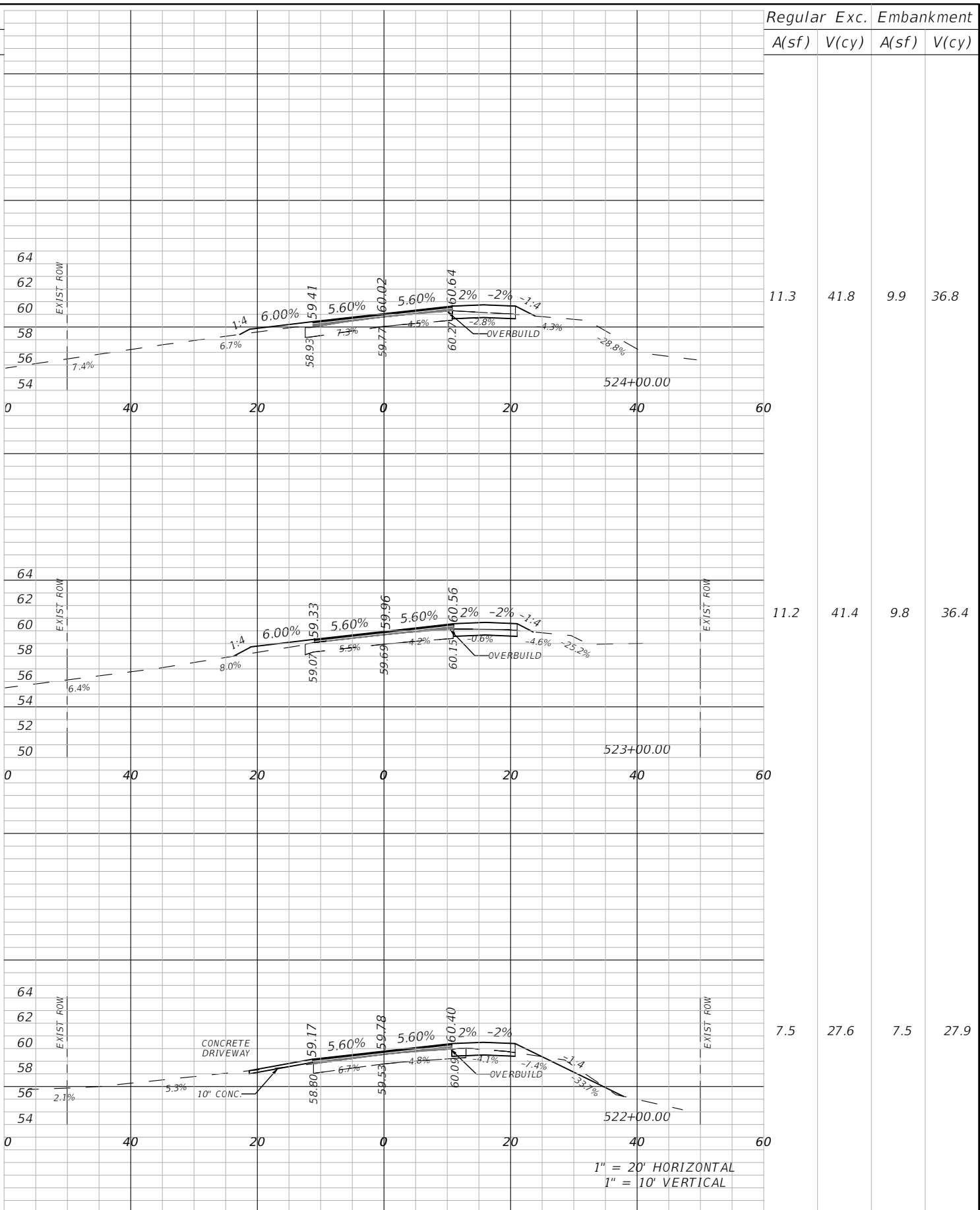
| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

CROSS SECTIONS

| SHEET NO. |
|-----------|
| 23 |



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

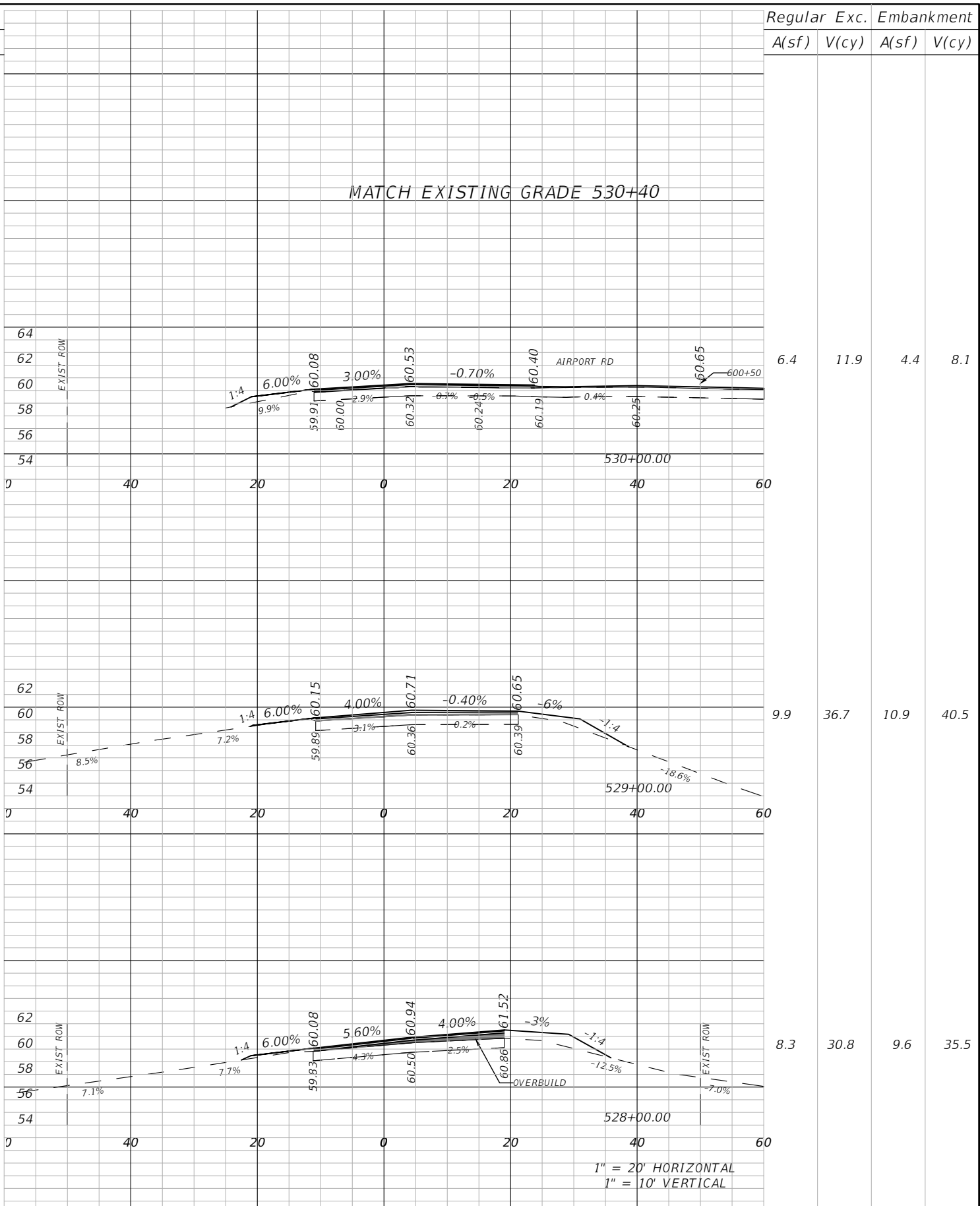
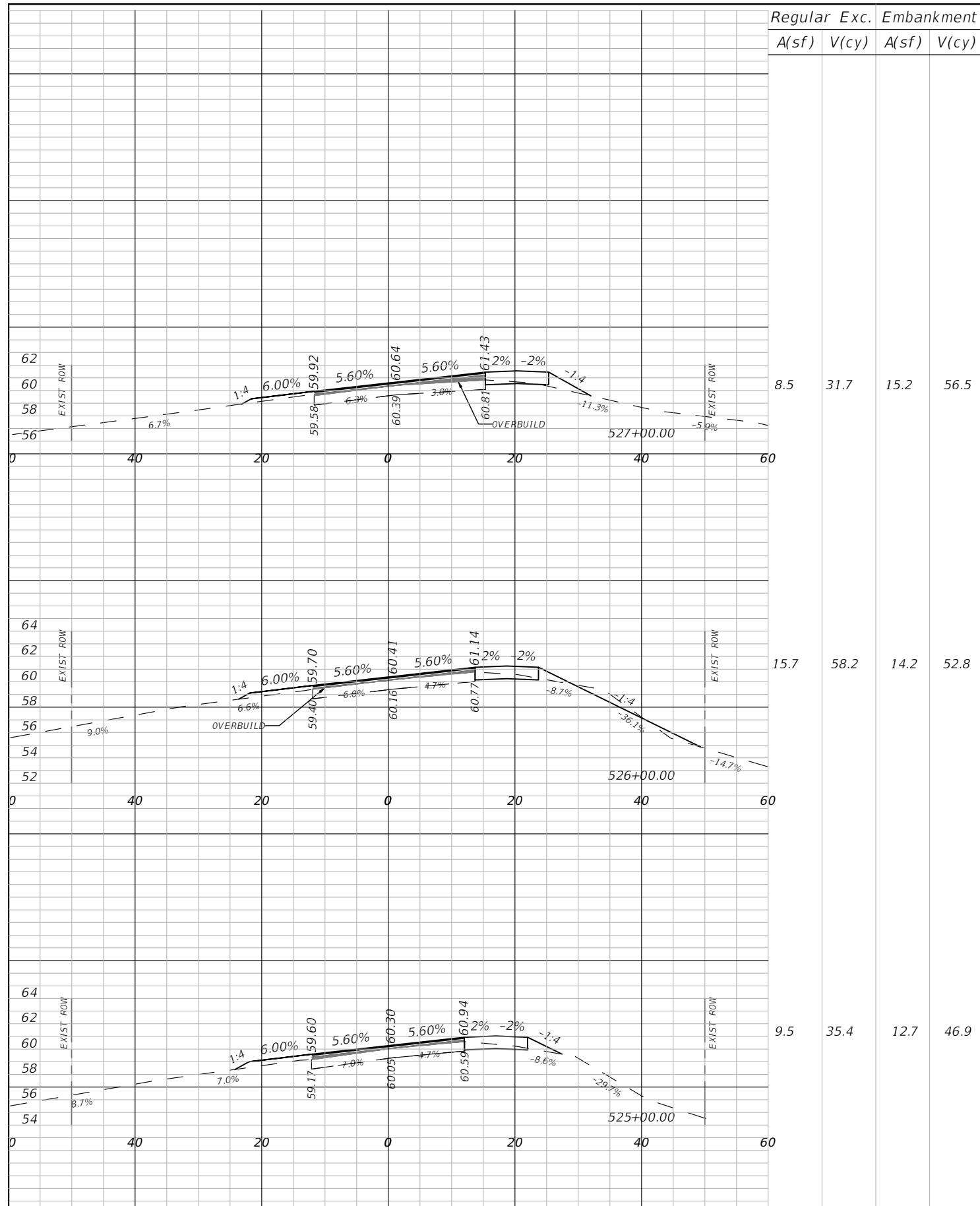
| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
 DANIEL W. SCHROEDER, P.E.
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 FORT MYERS, FL. 33901
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| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 24 |



| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | | Exc. | | Embankment | |
|---------|-------|-------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) | A(sf) | V(cy) |

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
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 2161 FOWLER ST.
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| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

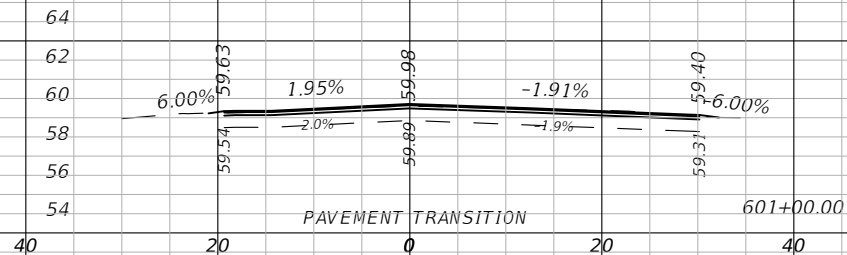
**CROSS
SECTIONS**

| SHEET NO. |
|-----------|
| 25 |

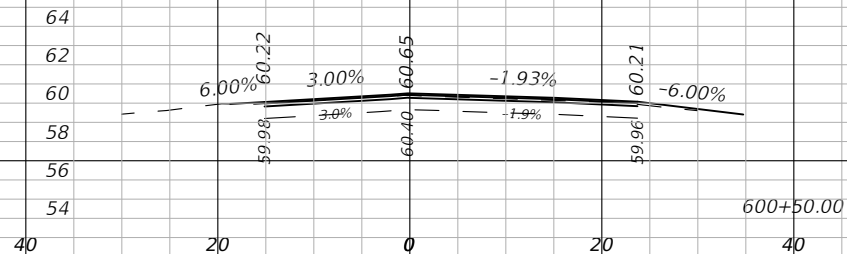
| Regular | Exc. | Embankment | |
|---------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) |

| Regular | Exc. | Embankment | |
|---------|-------|------------|-------|
| A(sf) | V(cy) | A(sf) | V(cy) |

MATCH EXISTING GRADE 601+19.50



| | | | |
|-----|-----|-----|-----|
| 0.0 | 0.0 | 2.2 | 3.3 |
|-----|-----|-----|-----|



| | | | |
|-----|-----|-----|-----|
| 0.0 | 0.0 | 0.9 | 0.0 |
|-----|-----|-----|-----|

1" = 20' HORIZONTAL
1" = 10' VERTICAL

| REVISIONS | | | |
|-----------|-------------|------|-------------|
| DATE | DESCRIPTION | DATE | DESCRIPTION |
| | | | |

AIM ENGINEERING & SURVEYING, INC.
DANIEL W. SCHROEDER, P.E.
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FORT MYERS, FL. 33901
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| CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | |
|--|-----------|----------------------|
| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
| 19-1014 | HIGHLANDS | |

**CROSS
SECTIONS**

| |
|-----------|
| SHEET NO. |
| 26 |

| SUMMARY OF LUMP SUM ITEMS | | | | | |
|---------------------------|------------------------|----------|---|--------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | QUANTITY | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | P | F | | |
| 101-1 | MOBILIZATION | 1 | | | |
| 102-1 | MAINTENANCE OF TRAFFIC | 1 | | | |

| SUMMARY OF EARTHWORK | | | | | |
|----------------------|----------------------|-------|---|--------------|----------------------|
| PAY ITEM NO. | PAY ITEM DESCRIPTION | CY | | DESIGN NOTES | CONSTRUCTION REMARKS |
| | | P | F | | |
| 120-1 | REGULAR EXCAVATION | 2,724 | | | |
| 120-4 | EMBANKMENT | 3,325 | | | |

| SUMMARY OF EROSION AND SEDIMENT CONTROL DEVICES | | | | | | | | | | |
|---|----|-----------|------|---------|------------------|---------|----------------------------|--|--------------|----------------------|
| LOCATION | | | SIDE | AREA ID | SEDIMENT BARRIER | | FLOATING TURBIDITY BARRIER | | DESIGN NOTES | CONSTRUCTION REMARKS |
| STA. TO STA. | | | | | 0104 10 3 | 0104 11 | LF | | | |
| | to | | | P | F | P | F | | | |
| 11+00.00 | to | 59+10.28 | LT | 160 | | | | | | |
| 11+45.00 | to | 59+10.28 | RT | 170 | | | | | | |
| 500+23.35 | to | 531+25.00 | LT | 2224 | | | | | | |
| 500+23.35 | to | 531+25.00 | RT | 2233 | | | | | | |
| 600+50.00 | to | 600+50.00 | RT | 10 | | | | | | |
| 600+60.00 | to | 600+70.00 | LT | 10 | | | | | | |
| 21+95.00 | to | 22+40.00 | LT | | | | 60 | | | |
| 22+10.00 | to | 22+45.00 | RT | | | | 40 | | | |
| SUB-TOTAL: | | | | 4,807 | | 100 | | | | |
| TOTAL: | | | | 4,807 | | 100 | | | | |

| REVISIONS | | | | AIM ENGINEERING & SURVEYING, INC. DANIEL W. SCHROEDER, P.E. P.E. LICENSE NUMBER 78646 2161 FOWLER ST. FORT MYERS, FL. 33901 CERTIFICATE OF AUTHORIZATION 3114 | CR 623 (KENILWORTH BLVD) MILL & RESURFACING | | | SUMMARY OF QUANTITIES | SHEET NO. |
|-----------|-------------|------|-------------|--|--|-----------|----------------------|--------------------------|-----------|
| DATE | DESCRIPTION | DATE | DESCRIPTION | | AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID | | |
| | | | | | 19-1014 | HIGHLANDS | | | |

SUMMARY OF MISCELLANEOUS DRAINAGE ITEMS

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | | SIDE | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|---|--------------|----|-----------|------|------|----------|---|-------|---|--------------|----------------------|
| | | STA. TO STA. | | | | | P | F | P | F | | |
| | | | to | | | | | | | | | |
| 430-94-1 | DESILTING PIPE 0-24" | 19+35.00 | to | 19+35.00 | RT | LF | 53 | | 563 | | | |
| | | 22+25.00 | to | 22+25.00 | RT | LF | 110 | | | | | |
| | | 23+00.00 | to | 23+00.00 | LT | LF | 30 | | | | | |
| | | 27+90.00 | to | 27+90.00 | RT | LF | 50 | | | | | |
| | | 28+85.00 | to | 28+85.00 | LT | LF | 70 | | | | | |
| | | 30+20.00 | to | 30+60.00 | RT | LF | 40 | | | | | |
| | | 30+75.00 | to | 30+75.00 | LT | LF | 90 | | | | | |
| | | 600+70.00 | to | 600+70.00 | LT | LF | 120 | | | | | |
| 430-94-2 | DESILTING PIPE 25-36" | 517+75.00 | to | 517+75.00 | LT | LF | 75 | | 75 | | | |
| 430-174-215 | PIPE CULVERT OPTIONAL MATERIAL, OTHER, 15", SD | 55+90.00 | to | 56+70.00 | RT | LF | 72 | | 72 | | | |
| 430-175-130 | PIPE CULVERT OPTIONAL MATERIAL, OTHER, 30", CD | 517+74.93 | to | 517+74.93 | RT | LF | 8 | | 8 | | | |
| 430-982-133 | MITERED END SECTION, 30", 1:2 SLOPE (INCLUDES 8 LF OF PIPE) | 517+74.93 | to | 517+74.93 | RT | EA | 1 | | 1 | | | |

SUMMARY OF CLEARING AND GRUBBING & REMOVAL ITEMS

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | | SIDE | AREA ID | UNITS | SECONDARY UNITS (IF LUMP SUM) | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|--------------------------------------|--------------|----|-----------|------|---------|-------|-------------------------------|----------|---|-------|---|--------------|----------------------|
| | | STA. TO STA. | | | | | | AREA (AC) | P | F | P | F | | |
| | | | to | | | | | | | | | | | |
| 110-2-2 | SELECTIVE CLEARING & GRUBBING (TREE) | 59+60.00 | to | 519+00.00 | LT | | LS | 2 | 2 | | 2 | | | |

REVISIONS

| DATE | DESCRIPTION | DATE | DESCRIPTION |
|------|-------------|------|-------------|
| | | | |

AIM ENGINEERING & SURVEYING, INC.
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**CR 623 (KENILWORTH BLVD)
MILL & RESURFACING**

| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
|-----------------|-----------|----------------------|
| 19-1014 | HIGHLANDS | |

**SUMMARY OF
QUANTITIES**

SHEET NO.

SQ-2

SUMMARY OF PAVEMENT

| PAY ITEM NO. | PAY ITEM DESCRIPTION | LOCATION | | | SIDE | AREA ID | LENGTH | WIDTH | UNIT | QUANTITY | | TOTAL | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|---|--------------|----|-----------|-------|---------|--------|-------|------|----------|---|--------|---|--------------|----------------------|
| | | STA. TO STA. | | | | | | | | P | F | P | F | | |
| | | | to | | | | | | | | | | | | |
| 160-4 | TYPE B STABILIZATION 12" | 501+00.00 | to | 530+00.00 | LT/RT | | 4200 | 10 | SY | 4,667 | | 4,667 | | | |
| 285 706 | OPTIONAL BASE, BASE GROUP 06 | 11+60.00 | to | 12+00.00 | RT | | | | SY | 37 | | 380 | | | |
| | | 17+60.00 | to | 17+80.00 | LT | | | | SY | 16 | | | | | |
| | | 29+80.00 | to | 30+80.00 | RT | | | | SY | 81 | | | | | |
| | | 31+95.00 | to | 32+40.00 | LT | | | | SY | 36 | | | | | |
| | | 38+20.00 | to | 39+30.00 | RT | | | | SY | 211 | | | | | |
| 285 709 | OPTIONAL BASE, BASE GROUP 09 | 11+00.00 | to | 59+10.28 | LT/RT | | 655 | 11 | SY | 800 | | 875 | | | |
| | | 600+00.00 | to | 601+19.50 | LT/RT | | 61 | 11 | SY | 75 | | | | | |
| 327 70 16 | MILLING EXIST ASPH PAVT, 1/2" (TURNOUTS) | 11+00.00 | to | 59+10.28 | LT/RT | | | | SY | 1,285 | | 1,285 | | | |
| 327 70 5 | MILLING EXIST ASPH PAVT, 2" AVG DEPTH | 11+00.00 | to | 59+10.28 | LT/RT | | 4811 | 22 | SY | 12,170 | | 12,170 | | | |
| 334 1 13 1 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B SP 9.5, 1.5", LEVELING | | to | | LT/RT | | | | TN | 113 | | 113 | | | |
| 334 1 13 1 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B SP 9.5, 1.5" SURFACE (TURNOUTS) | 11+00.00 | to | 59+10.28 | LT/RT | | | | TN | 138 | | 138 | | | |
| 334 1 13 1 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B SP 9.5, 1", SURFACE | 11+00.00 | to | 59+10.28 | LT/RT | | | | TN | 1,129 | | 1,129 | | | |
| | | 500+23.35 | to | 531+25.00 | LT/RT | | | | | | | | | | |
| | | 600+00.00 | to | 601+19.50 | LT/RT | | | | | | | | | | |
| 334 1 13 3 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B SP 12.5, 2", STRUCTURAL | 11+00.00 | to | 59+10.28 | LT/RT | | | | TN | 2,258 | | 2,258 | | | |
| | | 500+23.35 | to | 531+25.00 | LT/RT | | | | | | | | | | |
| | | 600+00.00 | to | 601+19.50 | LT/RT | | | | | | | | | | |
| 334 1 13 4 | SUPERPAVE ASPHALTIC CONC, TRAFFIC B SP 12.5, OVERBUILD | 11+00.00 | to | 59+10.28 | LT/RT | | | | TN | 823 | | 823 | | | |
| | | 500+23.35 | to | 531+25.00 | LT/RT | | | | | | | | | | |
| | | 600+00.00 | to | 601+19.50 | LT/RT | | | | | | | | | | |

SUMMARY OF PERFORMANCE TURF

| LOCATION | SIDE | AREA ID | LENGTH | WIDTH | PERFORMANCE TURF (SOD) | | DESIGN NOTES | CONSTRUCTION REMARKS |
|--------------|------|-----------|--------|-------|------------------------|-----|--------------|----------------------|
| | | | | | 0570 | 1 2 | | |
| STA. TO STA. | | | | | SY | | | |
| | | | | | P | F | | |
| 11+00.00 | to | 59+10.28 | LT/RT | | 8,786 | | | |
| 500+23.35 | to | 531+25.00 | LT/RT | | 15,958 | | | |
| SUB-TOTAL: | | | | | 24,744 | | | |
| TOTAL: | | | | | 24,744 | | | |

REVISIONS

| DATE | DESCRIPTION | DATE | DESCRIPTION |
|------|-------------|------|-------------|
| | | | |

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CR 623 (KENILWORTH BLVD)
MILL & RESURFACING

| AIM PROJECT NO. | COUNTY | FINANCIAL PROJECT ID |
|-----------------|-----------|----------------------|
| 19-1014 | HIGHLANDS | |

**SUMMARY OF
QUANTITIES**

SHEET NO.

SQ-3

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